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Old Dominion Steamer Pereire, 15 Dec. 1869

Geo. L. Weiss
Mayor &c.

Sorry my away from home in
weeks [illegible] last week Sunday that I had quite [illegible]
with a [illegible] Pending informed me. Sorry to
hear you had a bad [illegible] of the [illegible] in spite of not finding me [illegible]
[illegible] have been much pleased to see you and was [illegible]
for [illegible] Mr. Hunter [illegible] would also have been [illegible]
[illegible] entertainer, [illegible]
[illegible] Philadelphia [illegible]
[illegible]
We [illegible] [illegible] [illegible]
[illegible] nothing [illegible] [illegible]
[illegible] like [illegible] [illegible] I have [illegible]
the office [illegible] [illegible] arm. Shall [illegible]
[illegible] of the possibility of such [illegible]
[illegible] about the days before [illegible]
[illegible] long to India [illegible]
[illegible] the Prussian Government, and [illegible]
[illegible] according to the work [illegible]
[illegible] days before sailing [illegible]
[illegible] I could not [illegible]
[illegible] good an [illegible]
[illegible] as even in [illegible]

[illegible] good fortune, I remain [illegible]
Yours truly
Geo. David

Citizen Benj. Smith [illegible], Mining Engineer, superintendent of Public Works, Calcutta, India.

Paris, 24th Dec. 1869.

Dear [illegible]:

Your kind letter reached me safely the day before I left [illegible] but I was so extremely hurried those last few days [illegible] my departure that I gave up writing at all and only [illegible] and afterwards [illegible] for you. I have also to say the same for the letters that came from [illegible] with the [illegible] check and from Mary. I hoped to have a good chance on the voyage to write more at length, but I was [illegible] nearly all the way and found that I could not do so without becoming [illegible]. And now here I am so much hurried that I can only drop a line to say that I have safely arrived. The weather during the voyage [illegible] by being [illegible] for two days and [illegible] a pleasant [illegible], but after that came a storm that [illegible] two days and left [illegible] very rough [illegible] so that [illegible]. In consequence of the [illegible] we reached Brest a day or more later than the [illegible] and did not get there until after midnight [illegible] night. We [illegible] about half past [illegible] passengers [illegible] the [illegible] train for Paris and arrived here at [illegible] Grand Hotel [illegible]

[illegible]

Paris, 24 Dec. 1869.

My dear Sir,

[illegible] for your [illegible] [illegible] [illegible] Philadelphia. [illegible] [illegible] [illegible] I hoped [illegible] a chance [illegible] [illegible] I am [illegible] which [illegible] but [illegible] [illegible] a strong tendency to [illegible] [illegible] [illegible] doing it. [illegible] [illegible] [illegible]

Paris 24 Dec. 1869.

My dear Isabella:

Many thanks for your kind notes received the day I left Paris, just two weeks ago. I sailed in the Cerise and could not in Massachusetts before Christmas and was so hurried the last days that I could not possibly write. I had hoped to have a chance to do so on the voyage, but was prevented by rough weather that kept me on the very off a ship in a heavy sea for a day or more later from Marseilles. I did. Tuesday night at midnight, on Pearl and Beach St. I did not sail the next day. I left. I set out this evening for Marseilles to take Peninsular and Oriental Line for Bombay, by Alexandria and Suez, but not by steamer. From Bombay, where I shall arrive about the 15th of January I go directly by rail and by river steamer to Lucknow, a journey of four or five days, they say. I hope for a chance to write more at length while on the journey, perhaps before getting to Alexandria. My address is: Rev. J. Smith Lucknow, Oudh, India, Department of Public Works, Calcutta. Mrs. Bell has invited me to write now and to write a letter to her mother, and I shall try to do so, about mail word, using Special Mails, I hope may have some interest to you as you may be interested in exchange with India. You can imagine the joy I felt the Fowlers that I have seen and will endeavor to do what I can for them. Dear

Grand Hotel, Paris, 24 Oct. 1869.

My dear Mr. Lesley:

I received the safely night before last in midnight by way of Brest, day [illegible] time was especially because we had to get [illegible] the small allowance, and quite a [illegible] for [illegible] days. [illegible] on the verge of [illegible] illness [illegible] little time and [illegible] not [illegible] to [illegible] [illegible] and. Now I am, as you [illegible] would be, [illegible] and [illegible] for the few hours I have to [illegible]. I start this evening for Marseilles and shall sail early [illegible] morning for Alexandria by the Peninsular & Oriental line, & connect by rail at Suez with the Bombay steamer that line runs right up and to Calcutta. It sends messengers to the Tomorrow night [illegible] in a few days by this route. I will take pardons from [illegible] by the unfinished railroad and [illegible] from Bombay to Calcutta. We reach Bombay the [illegible] of January. The steamer starts [illegible] days from Bombay to Calcutta. [illegible] through the canal yet by day. I hope [illegible] became and [illegible] I shall see you alive while on the voyage for your happiness. [illegible] in [illegible] Calcutta. [illegible] I can [illegible] a little [illegible] as [illegible] away. My address [illegible] Civil Engineer, Superintendent of Public Works [illegible] Calcutta. [illegible] the digest & forward one [illegible] letter and [illegible] to American Post Office, [illegible] Brewer, Northampton, Mass., who has also [illegible] [illegible] also the [illegible] enclosure [illegible] a bill of exchange, [illegible] for [illegible] may [illegible] to S. H. Babcock, [illegible] Bro. [illegible] If I should [illegible] send [illegible] as possible [illegible] can [illegible]

Give my best love to Mrs. Lesley and the girls, and my best regards to Mr. Ritter, and believe me

Your affectionately yours,

Benj. Smith Lyman

Marseille, 25 Dec. 1869.

My dear Mr. Petry:

I take the liberty of making you acquainted hereby with the bearer, Mr. Paul Doré, lately of Paris, a young man in whom I feel a great deal of interest. It seems he sailed for America to seek his fortunes there a week ago, just a few days before my arrival in France, so that it is impossible for me to help him here personally as I would be glad to do. He is a wood engraver by trade, and was [illegible] trained in the art; but as he is ignorant of English as yet, he will be at a great disadvantage at first. What I have, then, especially to ask of you is that you will send one of your boys who can talk French, to him to a wood engraver named Clark, at No. 400 Chestnut Street, third story, to ask for work. Mr. Clark knows me a little and you can use my name. If no work is to be found there perhaps Mr. Clark will know of some place where it can be found, perhaps with Messrs. Ingram & Kimball, [illegible] adjoining. They used to be at Fifth and Chestnut. Mr. Doré would no doubt be willing to work very cheap at first on account of his needing practice more than any other thing. Possibly your neighbors the architects, if still in Philadelphia, would know of some such work. Mr. Doré would be glad to be a reader in the [illegible] Temperance, if nothing can be found in line. I feel confident that he is a [illegible]

I shall write you from Paris as soon as I arrive there.

Marseille, le 25 Décembre, 1869.

Mon Cher France:

Je vous envoie ici-dedans la photographie que j'ai promis; mais je trouve que je n'ai plus de Jésus bons exemplaires. Je vous envoie aussi deux lettres de recommendation pour Paul Doré à deux de mes amis à Philadelphie, qui auront peut-être la bonté de l'aider un peu en cherchant une place. L'une est adressée à mon oncle M. Ledey, qui est cependant très-occupé en affaires et en même temps malade, que je ne pourrai pas lui donner beaucoup de peine dans l'affaire. L'autre est adressée à M. Petry, le restaurateur chez qui j'ai mangé tous les jours. Il est [illegible] Russe Israélite à une lieue hors de la [illegible] mais il est bien français de cœur comme il le prouvera dit-il, et il est un officier de la Société de Bienfaisance des Français à Philadelphie. Il a des garçons de restaurant qui parlent français et en auront peut-être une place. Paul chez un ami de graveurs que j'ai [illegible] dans la lettre. Si vous ne trouvez pas immédiatement pour Paul ces lettres, je vous engage à les envoyer dans l'enveloppe que je mets ici dedans; pourquoi je demanderai de vous avoir l'obligeance de la renvoyer de chez moi, quand il y viendra, chez M. Ledey.

Je vous dirai alors adieu pour le moment, et [illegible] de vous écrire encore une fois bientôt. [illegible] de vous, [illegible] de votre [illegible] famille [illegible]

Marseilles, 25 Dec. 1869.

My dear Mr. Lidgey,

This is to introduce to you Mr. Paul André, a good engraver, lately of Paris, a friend of mine whom he was a mere boy and one in whom I feel a very strong interest. He sailed for America to-day this fortnight time only a few days before my departure in France, so that I cannot do anything fully for him personally as I should like to do. I have thought that as you are in good of English you will be able to do a good turn with Mr. Dyke (who, I am sure, will never even be found to Mr. Petty's Restaurant No. 307 Broadway) & Mr. Blom. I have written a letter of introduction to my friend one of my French boys with the very same to one of the best engravers in Paris & perhaps Mr. Dyke could take him directly to other engravers or to Mr. Blom that you know and so save Mr. Blom's trouble. Personally engraver I know a little is Mr. Clarke, No. 1[illegible] Chestnut Street, third story, and my name might be used with him. There are Mr. Snyder & Snyder whom you know, and perhaps others. Possibly Mr. Blom would be glad in the absence of work in his line to be even a waiter in Petty's Restaurant or a mere servant in some family. Mr. André is very poor, and he could pick up some English. Although it is so long since I have seen him I feel sure that he would be a worthy fellow, as he belongs to a very worthy family and the rest are all doing very well.

Anything that either you or Mr. Dyke can do for him in the way I have mentioned will be extremely a very great favor by yours very truly, Benj. Smith Lyman.

[illegible]; 25 Dec. 1869.

My dear [illegible]:

After [illegible] you at Paris yesterday I found that my young friend [illegible] [illegible] when [illegible] had just [illegible] to the St. Laurent [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] with [illegible]

[illegible] written [illegible] [illegible] you [illegible] [illegible] [illegible] [illegible] they can [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] you would [illegible] [illegible] young man [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] ask you [illegible] [illegible] [illegible] would [illegible] yours.

[illegible] [illegible] I hope [illegible] [illegible] possible [illegible] [illegible] [illegible] remember.

I have [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] the English [illegible] [illegible] [illegible] [illegible] [illegible] I have [illegible] [illegible] [illegible] [illegible] at [illegible] [illegible] and [illegible]

[illegible] [illegible] [illegible] me ever

Affectionately yours,

Benj. [illegible]

Marseille, le mi du 25 déc. 1869.

Mon Cher France:

Je trouve que j'ai oublié exprès tout de mettre la photographie dans la lettre que je viens de vous envoyer par la poste. En l'envoyant maintenant je profite de l'occasion de vous dire que je ne donne pas du tout le conseil que Paul aille à Philadelphie excepté comme une dernière ressource, et pour cela j'ai écrit les lettres de recommandation. Il lui faut beaucoup mieux vivre à Paris du travail à New York, parce que le voyage à Philadelphie, le séjour d'un jour ou deux et le retour à New York lui coûteraient cinquante francs. Mais la vie est un peu moins chère à Philadelphie, et il lui vaudra peut-être bien l'essayer. Il ne réussit pas du tout à New York. Mes lettres à Philadelphie ne sont pas bonnes.

Tout à vous.
Benj. Smith Lyman.

Aboard Steamer Macedonia, near Candia; 30 Dec. 1869.

R. W. Raymond Esq.

Editor of the Amer. Journal of Mining, New York.

My dear Sir:

Enclosed please find an account of the Moisie Iron Works written some two months ago for the Mining and Engineering Journal, and shown to Mr. Weston as I passed through New York some six weeks ago. I did not leave it with him then because I hoped to get some further information in regard to the Iron Works from a Montreal gentleman who was to be in Philadelphia about that time. For the same reason I kept back the paper until the last minute before my departure from home, but that gentleman did not make his appearance and I have to leave it as it is. In the hurry of getting ready for a trip to India that was quite unexpected at the time of leaving Mr. Weston, I did not find time to write you earlier.

Mr. Weston thought this paper could be printed entire in one number and I should be very glad if it could. I should also be much pleased if you would send after copies of that number to the addresses given below. Also please change the address of my copy of the Journal to: Benj. Smith Lyman, Mining Engineer, Public Works Department, Calcutta, India.

I go to India to survey the oil regions there for the British Government and am to be gone a year or two.

Forgiveness as ever

Very truly yours.

Benj. Smith Lyman

Please send after copies with account of Moisie Iron Works to:

Judge S. F. Lyman, Northampton, Massachusetts.
L. L. Viger Esq. Montreal, Canada
Benjamin Lyman Esq., Montreal, Canada.
Gen. W. W. Averell, Care of Grant & Sons, No. 33 Wall St, New York
F. B. Sturtevant Esq., Republican Office, Springfield, Massachusetts.
Richard Wood Esq., No. 400 Chestnut St. Philadelphia.

[illegible] Street Methodist, New London, 20 Dec. 1877.

R. W. Raymond Esq.

Editor of the Revised Statutes, Albany, New York.

My dear Sir:

Enclosed please find an accompanying affidavit from Lorenzo [illegible] concerning the publication and circulation of Revised Statutes of Illinois, and I have written to him to obtain similar affidavits if some days under oath. Hoping and believing it will [illegible] from a similar affidavit from some public functionaries in regard to the same matter [illegible] publication, which also are in Philadelphia, which I shall [illegible] publication from them, but the publications which are made for replacement and [illegible] are sufficient. In the interest of publishing weekly for a little [illegible] [illegible] & circulation.

Mr. Lorenzo thought this affidavit would be insufficient unless he was [illegible] and [illegible] would be very glad if it could. Should also be most pleasant if you would send [illegible] copies of the resolution & the addresses given before the Illinois Convention. Please [illegible] the addresses given before the Illinois Convention. Publication of Revised Statutes [illegible]

Yours truly,

[illegible]

Please send affidavit enclosed and accompanying affidavits from Lorenzo &c.

Judge E. H. Lawrence, Springfield, Illinois, Albert Enfield.

A. H. Bridgeman, Secretary, Commissioners Lawrence, Enfield, Commissioners.

Hon. W. H. Herndon, Clerk of Supreme Court, Springfield, Illinois.

H. A. Bradley, Esq., Publication Office, Springfield, Illinois.

Richard Yates, Esq., Springfield, Illinois.

A Happy New Year to you all!

On board the [illegible] off [illegible]

[illegible]

After writing [illegible] in Paris eight days [illegible] and writing [illegible] the [illegible] to make some purchases of [illegible] mathematical instruments [illegible] finally went to see my [illegible] concierge of former days and [illegible] first and [illegible] [illegible] the [illegible] eighth [illegible]. Her husband [illegible] was just [illegible] in cutting the [illegible] of one of his customers, both seated on the high table by the window [illegible] [illegible] and his wife seemed delighted to see me and at [illegible] [illegible] and [illegible]. I had but an hour or so to spend there [illegible] to pack up and leave for [illegible] by the [illegible] [illegible] the time was not wasted in [illegible] talking [illegible]. [illegible] [illegible] about Madam [illegible] [illegible] and [illegible]. [illegible] children, and about [illegible] relatives that I [illegible] [illegible]. [illegible] [illegible] well and [illegible] been well and [illegible] [illegible] in a [illegible] [illegible] instead of [illegible] that I could [illegible] any of her family. Her eldest daughter [illegible] [illegible] married for five years and with [illegible] [illegible] [illegible] [illegible] who is a railroad official [illegible] [illegible] [illegible] [illegible] [illegible] and only [illegible] [illegible] [illegible] in his grand [illegible] [illegible]) with [illegible] [illegible] [illegible] is only [illegible] [illegible] [illegible] have [illegible] done well. [illegible] drew a lucky number and [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] enough money [illegible] a substitute [illegible] drew an unlucky number [illegible]. He is a gilder by [illegible] and has been to Jerusalem with another gilder, gilding the [illegible] of the French and Russian [illegible] [illegible] to go out [illegible] again. The youngest boy, Paul, [illegible] [illegible] St. Laurent for American [illegible] [illegible] [illegible] as a wood engraver. [illegible] very sorry [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] years old. [illegible] had an oil portrait of [illegible] [illegible] and she is growing up. [illegible] of a very [illegible] disposition. They inquired particularly after [illegible] [illegible] and his wife, and [illegible] much interested in [illegible] about them.

There is a young Englishman among my fellow passengers [illegible] [illegible] who was at Alexandria and remembers William. [illegible] with great respect and affection. He seems to have [illegible] [illegible] [illegible] [illegible]. [illegible] the [illegible] [illegible] passengers [illegible] on the whole quite an agreeable [illegible] [illegible] [illegible], about fifteen, and only one a lady. [illegible] after Christmas [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Steamer Massilia, [illegible] Alexandria, Egypt;
[illegible] 3 Dec. 1879.

My dear [illegible]:

[illegible] we shall reach Alexandria early tomorrow morning, and [illegible] and letter back [illegible] Enclosed I send the [illegible] for [illegible] and a half in [illegible] for [illegible] the same [illegible]. I [illegible] from [illegible] writing from Marseilles. The rest is due tomorrow [illegible] I shall [illegible] in future. I hope Mr. [illegible] has not [illegible] having a [illegible] I spoke to him about and [illegible] on my table. I saw Gustave Brossage in [illegible] he was very polite to me in consequence of my [illegible] the [illegible] had been received all right [illegible] very soon. He had been unable [illegible] persons to whom the [illegible] were addressed [illegible]. The demolition of buildings [illegible] difficult to trace up an address [illegible] about the [illegible] yourself [illegible] for some pages [illegible] time. [illegible] as in [illegible]. The water has [illegible] but not quite enough [illegible] evening we had [illegible] effect was [illegible], quite different from [illegible] very [illegible] Corsica and Sardinia [illegible] to Bonifacio. The [illegible] another day [illegible] to [illegible] the [illegible] of [illegible] about [illegible] degrees [illegible] evening [illegible] and what [illegible] Alexandria [illegible] at [illegible] great [illegible] [illegible] [illegible] [illegible]

[illegible] morning [illegible] found [illegible] gold for [illegible] [illegible] [illegible] [illegible] [illegible] Alexandria and [illegible] [illegible] half [illegible] and [illegible]

Oriental Steamer Mandalay, off Alexandria, Egypt,
3 Dec. 1869.

My dear Dr. Deering:

When I last saw you I did not expect that I should so soon be writing to you from this part of the world. My [illegible] when I wrote to inform you of my proposed journey, for which I have so [illegible] by then perhaps [illegible] you what a journey I have begun. I came [illegible] in a [illegible] hurry, but I could not get off before [illegible] I started for it once, with the bottle in hand. [illegible] a journey of [illegible] through the [illegible] [illegible] and can be done in a year, possibly two. Given good health [illegible] the world, and do [illegible] again [illegible] two or three geological trips in the [illegible] one [illegible] time; and as I happened to be unengaged for the [illegible] I could [illegible] Indian [illegible] [illegible] being the best season for work; [illegible] Persia until the 17th December. [illegible] two days at Paris in [illegible] Marseilles last Sunday morning, [illegible] the Alexandria [illegible] 7 miles from Bombay rail to Suez, 1 mile from Suez on Sunday [illegible] Friday or Saturday, [illegible] Bombay in the [illegible] 30 by rail, except 18 miles of [illegible] carriage) to Calcutta, as fast as possible. Then by the [illegible] I shall return as fast as possible. I am very tired of this place and of this journey, [illegible] [illegible] Meanwhile you and [illegible] your wife [illegible] happiness. By the time I get home you will be quite [illegible] married life and [illegible] have a little [illegible] [illegible] Mr. [illegible] will have [illegible] [illegible] [illegible]

[illegible], near [illegible]
31 Dec. 1879.

My dear Mr. [illegible]

Your favor from Clifton Springs came the first day. I hope [illegible] to write in [illegible] And I was [illegible] by it that your health was in so delicate a condition. I trust that it has already actually begun to improve but that it has made great progress in the direction of its being [illegible] fully restored.

My departure from America was very sudden; indeed I had no idea when I wrote you last that I should so soon be writing you from this quarter. I am on my way to India to survey the oil regions there for the British government, and [illegible] to be there a year, or possibly [illegible]. I came away with haste because I [illegible] the fee from engagements and it was highly important to [illegible] India as early [illegible] possibly because this is the season most favorable for [illegible]. I came in the Persia(?) from [illegible], leaving [illegible] on the eleventh of this month [illegible] had nearly two days in Paris and half a day [illegible]. I went to the [illegible] and am now [illegible]

[illegible]

[illegible]

[illegible], near Utrecht, 8th Jan. 1[illegible].

Dear Lady:

[illegible] Utrecht you see upon [illegible]
[illegible] in plain light though some part will
[illegible] so that it would not very often be
[illegible] a house or
[illegible] build and
[illegible] look at the
[illegible] quite [illegible] pendent on pal
[illegible] and the
[illegible] length
[illegible] rotten [illegible] by dirt [illegible]
[illegible] the [illegible]
[illegible] Fortin, [illegible]
[illegible] thing [illegible] more thing.
[illegible] red
[illegible]

[illegible] can be mailed the afternoon
[illegible] morning early, for in [illegible]
you were saying: not the dear [illegible]
[illegible] in the ark. I had not expected [illegible]
[illegible] and so can tell you [illegible]
[illegible] we shall arrive there [illegible]
[illegible] reach Bombay [illegible]
[illegible] inclined of stopping as we [illegible]
[illegible] and a half to get across to Calcutta
[illegible] railroad, except 16½ miles, by [illegible]
[illegible] four or five days passing there. It will [illegible]
[illegible] nine or ten days of sea travel.
[illegible] Calcutta, that [illegible] after [illegible]
[illegible] we had all day to drive about
[illegible] the Zoological Gardens, after [illegible] letters and trying to see Charles Wal-
[illegible] and [illegible] Dr. [illegible] Dr. [illegible] the
[illegible] from [illegible] Scotland
[illegible] this [illegible] and [illegible] after [illegible] to the steamer, as Mr. Harris
[illegible] Alexandria. We saw Pompey's Pillar
[illegible] a column of reddish granite, or rather syenite,
[illegible] and very good shape, nearly all of one piece. It
[illegible] and almost quite unadorned, only
[illegible] pretension to ornament. Over each gate was
[illegible] with plaster, with round top, but [illegible]
[illegible] sticking [illegible] about [illegible]
[illegible] the Canal, and the fine [illegible]
[illegible] gardens. Among others we saw the Pleasure
[illegible] the town we passed Cleopatra's
[illegible] as Pompey's Pillar. We also visited
[illegible] and Rosetta; walked himself and
[illegible] The grand square in the centre of the town was
[illegible] high wall around the people, men, women
[illegible] Turkish dress excepting [illegible] number of
[illegible] the Turkish fez. The Arabian women dress [illegible]
[illegible] for [illegible] but decidedly [illegible]
[illegible] with [illegible] and [illegible] the gorgeous
[illegible] Arabian. [illegible] seemed to be a
[illegible] in case of any [illegible]
[illegible] yellow and blue,
[illegible] veil himself [illegible]
[illegible] the [illegible]

Oban Bay, 18 Jan. 1870.

[illegible]

[illegible] made out, sometimes ending in [illegible]
[illegible] back, tapering to the [illegible] [illegible]
[illegible]. [illegible] [illegible] open on the [illegible] [illegible]
and [illegible] many [illegible] the legs are quite bare [illegible]
[illegible] are [illegible] [illegible] the same [illegible]. The women [illegible]
[illegible] like [illegible] [illegible] not [illegible] [illegible]
[illegible], and [illegible] the same garment [illegible] round [illegible]
pretty closely [illegible] the neck, showing [illegible] [illegible]
[illegible] a loosely [illegible]
[illegible] from the [illegible] and [illegible]
[illegible] the back [illegible] hand. [illegible]
[illegible] [illegible] of eight [illegible]
[illegible] [illegible]
no trace [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] the bracelets are [illegible]
[illegible] with [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] in their [illegible] [illegible] [illegible] nose. The [illegible]
[illegible] thick as a finger [illegible] [illegible]. The men [illegible]
[illegible] gold ring on the big [illegible]. [illegible]
[illegible] many of them [illegible] [illegible] costume is
different. They dress mostly in white, in a long [illegible] gown, with
[illegible] trousers [illegible], and [illegible] [illegible] peculiar
[illegible], [illegible] hat or [illegible] [illegible]
[illegible] [illegible] the geographical [illegible] [illegible]
[illegible] [illegible] Parsees, among the [illegible]
[illegible] complexion [illegible] most of the [illegible]. The
[illegible] are [illegible] many [illegible] [illegible]
[illegible] are [illegible] [illegible]
[illegible] we stopped [illegible] [illegible] morning [illegible] [illegible]
[illegible] from the landing up to the town [illegible]
[illegible], and [illegible] [illegible] [illegible] by the [illegible]
[illegible] and [illegible]. [illegible] mostly quite black, Africans [illegible]
[illegible] called [illegible]. Their costume [illegible]
[illegible] though it would be impossible. [illegible]
[illegible] [illegible]. – I [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Benj. Smith Lyman in account with

1869 Cr.

Dec. 8 London bill of exchange from S. Morris Esq. for £200:0:0

1869 Dr.

Dec. 8. Proceeds of London bill of exchange @ 1.47½:

American coin ($[illegible] @ [illegible]) $285,08

24 Napoleons, [illegible] (£ [illegible]) ... 92,40

Paris bill of exchange [illegible] 300 [illegible] [illegible] 582,52

Amount $[illegible] or £200:0:0

Expense Account.

1869 Cr.

Dec. 8 American coin $285,08

" " 24 Napoleons ..... [illegible]

" " Paris bill of exchange 300,00

Amount $[illegible]

Mary Smith Esquire in account with

1864 Cr.

Jan. 2 Balance bill receivable from Estate Esq. for £200:0:0

1864 Dr.

Dec. 8 Proceeds of Goodwill receivable on 1864:

Revenue Coin (Gold & Silver) £285,08

Ditto Stamps, not issued (£10,10,0 [illegible]) .. 9,4,10

Goodwill receivable [illegible] £275,12

Revenue 1864 to 1865 or £200:0:0

Expense Account.

1864 Cr.

Dec. 8 Revenue Coin £285,08

" " Ditto Stamps ..... [illegible]

" " Goodwill receivable ..... [illegible]

Revenue 1864 to 1865 [illegible]

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Benj. Smith Lyman in account with

1869 Expense Account (continued). Dr.

Dec. 8–18. Transportation from Washington to New York:
2d. Railroad from Washington to Philadelphia (in American paper currency, @ 22% gold) $4,90 — 10th. Carriage to Railroad at Philadelphia 2,50 — Railroad, Philadelphia to New York 3,25 — 11th. Carriage to Steamer at Hartford 2,00 — $12,15 $10,37

Dec. 18–21. Transportation Westbrittany, New York to Brest:
18th. Steamer passage (gold) $140,00 — 21st. Steamer for food 26,00 140,10 £ 26,00

Dec. 20–25. Transportation from Brest to Marseilles:
20th Railroad ticket, Brest to Paris Fr. 25,00 — 22d. Carriage to Railroad at Brest 5,00 — Hotel & Hotel 100 — Baggage porter at Paris Station 0,50 — Omnibus to Hotel 2,00 — 24th. Carriage to railroad 3,00 — Railroad, Paris to Marseilles 95,65 — Baggage, Paris to Marseilles 15,00 — 25th. Baggage porter at Marseilles 0,50 — Carriage to Steamer office and hotel 3,00 — Carriage from hotel to Steamer 3,00 — Baggage porters at Steamer 1,50 166,35

Dec. 22–25. Subsistence, Brest to Marseilles: ....
22d. Breakfast at Brest Fr. 11,00 — Lunch at Rennes 2,00 Dinner at Le Mans 2,90 — 23d. Breakfast at Paris 2,

Carry forward — $150; Fr. 166,35 —

Benj: Smith Esqr. in account with

1869 Expense Account (Continued). Dr.

Brought forward $150.87 ₹182.35

—24th Breakfast 2.25 — Hotel bill R 3.00 — 25th Hotel at Marseilles 4.75 — Breakfast 1.50 — dinner 3.50 ..... 47.75

Dec 25 1870. Jan. 16. Transportation Rs. bill Miscellaneous

25th. Steamer passage £2.00.00 — Exp. Railway 18.00

18th. Steward's fees 10/. — Lunch & dinner at Marseilles 18/. — 18th. Steward's fees £1. ..... £2:0:0 2.112.50

1870 Jan 7-23. Transportation Bombay to Calcutta

7th. Bills from Agra at Jubulpur Rs. 23:0:0 — Telegraph for same 1:0:0 — Bill. Company for steamer 2.0.0 — Railroad Bombay to Agra 23:0:0 Extra baggage 2:2:0 — Baggage coolies at Bombay 0:13:0 — Baggage coolies at Agra 0:11:0 — Carriage to hotel 10:0 — 24th. Toll at Mirzapore 0:1:0 — Baggage coolies at Jubulpur 0:1:6 — Baggage from Jubulpur to Calcutta 8:15:6 — Railroad from Jubulpur to Calcutta 37:3:0 — 23. Baggage coolies at Calcutta 0:13:0 Rs 77:14:0

Jan 16-22. Subsistence Bombay to Calcutta: ———

Carry forward Rs 157:14:0 £2:0:0 $150.87 ₹247.7

Army: Ironclad expenses in account with

Dr. Cr.

Balance. Advances (continued).

Brought forward £1,172 18s. 3d.

— 24th Nov. Paid £42 7s. — Hotel bill £3 4s. — 3rd Hussars

allowance 4s. 7d. — Travel fare £70 — officers' baggage, ... 4d. 7

— 25th. Paid Mr. Jones, etc. the balance due on

account ..... £1,000 0s. 0d.

— 26th. Received from Mr. Smith, on account

of Ironclad ..... £1,000 0s. 0d.

— 27th. Paid Mr. Jones, etc. the balance due on

account ..... £72 0s. 0d. 2,118 0s. 0d.

— 28th. Received from Mr. Smith, on account of Ironclad

£1,000 0s. 0d.

Balance carried forward ..... 1,000 0s. 0d.

— 29th. Received from Mr. Smith, on account of Ironclad

£1,000 0s. 0d.

Balance carried forward ..... 1,000 0s. 0d.

— 30th. Received from Mr. Smith, on account of Ironclad

£1,000 0s. 0d.

Balance carried forward ..... 1,000 0s. 0d.

— 31st. Received from Mr. Smith, on account of Ironclad

£1,000 0s. 0d.

Balance carried forward ..... 1,000 0s. 0d.

— 32nd. Received from Mr. Smith, on account of Ironclad

£1,000 0s. 0d.

Balance carried forward ..... 1,000 0s. 0d.

Carried forward £8,172 0s. 0d. £2,172 18s. 3d.

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Benj. Smithsonian in account with

1870 Expenses Account (continued) Dr.

Brought forward Rs 117:9:10 £21:0:0 $60,57 £242,70

Jan 18th. Hotel at Bombay Rs. 14:8:0 — Dinner 2:0:0 — 19th. Breakfast 1:8:0 — Dinner Hotel at Raipur 3:2:0 — 20th. Breakfast Bungalow at Dekhapur 0:14:0 — Dinner and bungalow at Sironcha 1:8:0 — Tea and bungalow at Chuffaron 0:12:0 — Breakfast and bungalow at Chenpah 1:4:0 — 21st. Lunch at Jubalpur 1:0:0 — Dinner at Satna 2:0:0 — 22d. Breakfast at Mogul Serai 0:12:0 — Lunch at Benares 1:8:0 — Dinner at Jamalpur 2:8:0 . . . . . Rs 32:0:0

Rs 280:14:0

17th. Brought Rupees . . . . . Rs 119:8:0 294,17

17th. Brought Rupees . . . . . Rs 111:6:0 £11:0:0

Rs 230:14:0

1869, Dec. 24 £13:0:0

1869, Dec. 24. Brought Sovereigns (Rs 94 £1) £13:0:0 64,23

Amount of Expenses . . . $94,60 Rs 236,87

Balance 70,48 843,13

$285,08 Rs 1080,00

Benj. Smith Lyman in account with

Summary

1839 Cr.

Dec. 2 Bill of Exchange on London . . . . . [illegible]

1839-40 Dr.

Dec. 8-Jan. 23. Expenses of journey, [illegible]:

In American Coin $24.60 ([illegible]) . . . . £ 44:14:2

In Sovereigns Fr. 480 (Fr. 24,35 [illegible]) 19:8:0

In francs, Fr. 3000 (Fr. 24,72 [illegible]) 87:5:0

$51:4:0

Balance:

In American coin $70,45 ([illegible]) . . . £ 14:13:8

In francs Fr. 843,13 (Fr. 24,72 [illegible]) . . . 34:2:2

48:15:10

£200:0:0

E. E.

Benj. Smith Lyman.

Exhibit C.

Government of India

1897

Secretary of State in Council ..... Dr.

To Balance, 31st March (per last account)	4,000:0:0
To Interest on 4% Debentures (per last account)	160:12:0
To Commission on issue of Debentures (per last account)	34:4:2
	4,194:16:2

1898

Cr.

By Balance, 31st March (per last account)	4,000:0:0
By Interest on Debentures (per last account)	160:12:0
By Commission on issue of Debentures (per last account)	34:4:2
	4,194:16:2

Exhibit C.

Government of India.

Calcutta, 1 Feb. 1870.

Dear Father:

My journey from Bombay [illegible] was
[illegible] pleasant. My fellow
[illegible] Mr. Robinson
[illegible] and good companions. We
[illegible] journey. We reached Agra [illegible]
[illegible] or five hours after leaving
[illegible] Allahabad & Agra. It was with a young
[illegible] in the carriage, who was
[illegible] and had travelled
[illegible] Allahabad. From Raipore we came
[illegible] in very crowded trains
[illegible] which in America are also
[illegible]. The track is [illegible] and the cars we had were [illegible] as we in the
[illegible] called, [illegible] and bad
[illegible] near it is second class. The seats in these
[illegible] the cars between the seats to pull out by a man
[illegible] to make the seat into a bed, [illegible]
The conveyance is called a gharry for
[illegible] the common hackney coaches
[illegible] in the country, and my
[illegible] Missionary [illegible] who had
[illegible] from Burrisal. He has lived some
[illegible] the country [illegible]
[illegible] a good fellow, and Mr. Clemens
[illegible] a very fine fellow, also a good fellow. B[illegible]
[illegible] They are at home to the
[illegible] missionaries met each other
[illegible] Allahabad. All [illegible] with us all [illegible]
[illegible] Mr. Clemens [illegible] Mr. Robinson [illegible]

[illegible] necessary, perhaps a [illegible] [illegible] [illegible] and carry and [illegible] or whatever the traveler brought down to sight, and by the impatient [illegible] from Jeffersonville we came after [illegible] by rail and were [illegible] night in the cars. Mr. Johnson left us at Lizzafonny to spend a few days. [illegible] blow from a few days, Jeffersonville we came upon a [illegible] country with wide [illegible] plains, after [illegible] hills in the distance, but after wards with few hills only [illegible] the [illegible]. The country became more populous [illegible] and the towns larger.

Mr. Stu government [illegible] [illegible] by [illegible] [illegible] heard nothing of any [illegible] and indeed [illegible] [illegible] ments of the [illegible] for [illegible] brought. [illegible] [illegible] and [illegible] [illegible] [illegible]

[illegible] 10 Feb. 1870.

E. H. R. [illegible], Esq.

New York.

My dear [illegible]:

[illegible] enclosures of a letter introducing [illegible] [illegible] [illegible] here and of a letter from [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. I am [illegible] [illegible] [illegible] [illegible] seems like a very good one. I [illegible] [illegible] and [illegible] very kindly [illegible] [illegible] [illegible] hope Mr. [illegible], as he seems [illegible] [illegible] [illegible] [illegible] at present. [illegible] [illegible] [illegible] if [illegible] [illegible] in the Baring Brothers [illegible] [illegible] [illegible] [illegible] in India [illegible] [illegible] [illegible] agents here, as [illegible] [illegible] for travellers [illegible] [illegible] [illegible] bankers [illegible]. Their [illegible] [illegible] here [illegible], Whitney [illegible] Co., and [illegible] agents are J. S. Morgan & Co. [illegible] house, [illegible] [illegible] [illegible] Co. [illegible] agents in Boston, [illegible] [illegible] [illegible].

I [illegible] [illegible] for the Punjaub [illegible] [illegible] [illegible] of India, [illegible] Affghanistan, [illegible] for all [illegible]. The [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible]

[illegible] is a great want of something in that part of the country for fuel or lighting, for it is barren of wood and coal for the most part. I am expected to be there as long as the cool weather lasts, at least; that is for a couple of months, for the reason that it is warmer and better there. The weather is not very "cool" now, but quite pleasant, midday though very comfortable at night. It is rather a wild, rough country of course and I shall no doubt have some roughing experiences. If it should prove necessary to live by oil my life may there prove longer than that; and of having the [illegible] more clearly realized as [illegible] I may come back pretty soon. In any case my address for the present correspondence remains [illegible] and letters will be forwarded from [illegible] Bombay, as it is customary, whether the letters [illegible] or not-however to the Public Works Department of Jerusalem, as it turns out there is also a P. W. Department of Bengal here, a Department [illegible].

I have been kindly treated here by the higher powers, particularly by the head of the Public W. Dept., who seems anxious to make everything pleasant for me, though my coming seems to be hardly an idea of his own. He had me down to his house ten days ago. The Governor General also took pains to have me come and talk with him half an hour. But I find the government moves cautiously in some matters, and at the present rate my survey would take some twenty years, if not 200.

[illegible]

[illegible]

Calcutta; 12 Feb. 1870.

My dear Mr. Lesley:

I enclose here with, a bill of [illegible] on London for £83:8:9 the proceeds of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of Germany. [illegible] [illegible] [illegible] in the first place [illegible] up [illegible] account [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] thing [illegible] when I came away. On the [illegible] [illegible] [illegible] found the balance [illegible] the \$44.50 and [illegible] your [illegible] [illegible] [illegible] 27 [illegible], which [illegible] [illegible] [illegible] [illegible] [illegible] dollars that [illegible] [illegible] [illegible] [illegible] from [illegible]. [illegible] had been [illegible] from [illegible] [illegible] \$75. As I [illegible] [illegible] [illegible] [illegible] [illegible] although [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] you will at least let me [illegible] [illegible] the fifty dollars paid for [illegible] [illegible] [illegible] [illegible] although I should not have [illegible] [illegible] your account [illegible] it was a good thing for [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] forward you [illegible] [illegible] [illegible] [illegible] (43 [illegible]) bill [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] (1858 [illegible]) on the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the bread. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 93.0 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] this year while [illegible] [illegible]. Let him also [illegible] [illegible] to the Commonwealth, the Boston newspaper, and ask [illegible] [illegible] [illegible] as soon as that pay runs out, and let him [illegible] [illegible] [illegible] [illegible] (if he has been doing so, as I asked [illegible] [illegible] [illegible] all the papers as well as letters that came for me). Let him renew my [illegible] to the American Naturalist, Salem, for one year [illegible] [illegible] [illegible] the price of the second page [illegible] [illegible] [illegible] [illegible] [illegible] that comes; and let him change the address [illegible] [illegible] [illegible], Northampton, Mass., who has had the [illegible] of it for some years. Let him also subscribe for me for one year to [illegible] [illegible] Journal (New Haven), to be sent to [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], Calcutta, India. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

I think be enough left to pay the expense of getting a patent for that surveying instrument if you are willing to take the trouble that will be necessary for it. I am [illegible] that it will not do to send money [illegible] get up [illegible] to the patent office, but it will be necessary to get a [illegible] made by a [illegible] man. I hope to find time within a week or two to [illegible] the specification and application and will give a rough sketch with it [illegible] for the drawing [illegible]. There is a [illegible] that would perhaps do it in [illegible] about two hours [illegible] [illegible] is [illegible] architectural [illegible] [illegible] was employed [illegible].

As to the exchange you desired with the Journal of the [illegible] Society here, I think there will be no difficulty. I have taken steps toward arranging a number of [illegible] and dined last evening with the [illegible], the palaeontologist of the [illegible] survey, Dr. [illegible]

I arrived here three weeks ago tomorrow morning and the government [illegible] appointment, and had [illegible] made the [illegible] taking [illegible] then [illegible] me [illegible]. After [illegible] they decided that I should go first to the Punjab and I [illegible] any necessary [illegible] and [illegible] [illegible]: the head of the Public Works Department of India, Col. R. Strachey [illegible] a [illegible] man and has taken pains to [illegible] me very kindly and to ensure kind treatment for me in the Punjab. The oil wells or springs there are [illegible] by the assistant [illegible] [illegible] the specimens [illegible] as [illegible] prospect is not brilliant. They are on the River Indus near the mouth of the Khurum, close by Afghanistan; and I go probably to Rawal Pindi. But [illegible] [illegible] at [illegible] for a day or two to see a boring now making there for water, and then go to Lahore, where the Punjab government will make arrangements for my trip into the field, supply me with tents and the like. I am expected to be up there a couple of months at least, perhaps [illegible] of boring are [illegible]. Col. Strachey is a sensible man and a very able one, and lays [illegible] much more stress upon the geological part of the work than on [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in India. He [illegible] me [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Umbala; 15 Feb. 1870.

My dear Mr. Bailey:

It occurred to me before going to sleep after arriving here at four this morning that I had not endorsed the bill of exchange in your favor that I sent you in my letter of the twelfth inst. as I was starting from Calcutta. I now inclose you the second of the same bill (£58:8:9) duly endorsed to you, and I think it will reach you as soon as the first will.

This place is 1180 miles from Calcutta, and it took 56 hours to come here, by rail all the way. The weather last week was very warm in Calcutta, and here too they say, but it is now very cool here at night. I find my California blanket a treasure as I have many times before since leaving America; and you must get some thing of the kind, for it proves to be the custom in India (except at Calcutta and Bombay) not to furnish bedclothing at the hotels, not even pillows.

I stop here a day or two only, to look at a boring for water that has been making here for some time. I have brought with me according to the custom of this country my trusty servant Hofaud, a Bengalee, well recommended by a friend of mine there at Calcutta, and found satisfactory in a trial of two weeks. He understands a few words of English, and talks Hindostanee, as well as Bengalee. His only vice is that he is a Mahomedan. Many and [illegible] to the surviving friends and relatives here always affectionately yours, Henry J. Pratt.

[illegible]

Inverlochy, 17th A. 1879.

My dear Mr. Gladstone:

I received your letter yesterday [illegible] morning [illegible] I shall [illegible] [illegible] in your power [illegible] [illegible] [illegible]

Lahore, 18 Feb. 1870.

To the Steward
at the Great Eastern Hotel,
Calcutta.

Sir:

If any letters or papers have been sent to your hotel for me please send them back to the post-office to be forwarded to me at Rawal Pindi, and oblige

Yours respectfully,
Benj. Smith Lapham.

Lahore; 18 Feb. 1870.

To the Post-master
at Calcutta.

Sir:
Please forward any letters or papers for me to Rawal Pindi, and oblige

Yours respectfully,
Benj. Fritt Lyman.

Lahore, 18 Feb. 1870.

To the Postmaster
at Bombay.

Sir:

Please forward any letters or papers for me (via the mail for Calcutta) to Rawal Pindi (Punjab) and oblige

Yours Respectfully,
Benj. Smith Lyman.

Lahore; 19 Feb. 1870.

Dear Father:

Your favor of the tenth of December only reached me about ten days ago, just after I had wrote; Uncle Edward had been so kind as to forward it within three days after I left New York. It is the only letter that has come to hand yet. When I wrote you on the first of Feb. I anticipated to set out for this part of India very soon but there was one delay after another so that I did not finally leave Calcutta until last Saturday night, just a week ago. The day before that, I had an interview of half an hour with the Governor General at his request; then I waited two or three days for the written instructions from the Secretary of the public works department which had been promised; then called to see if they had not been sent and miscarried; and so finally got them a day or two later, and then got some money and came off. Col. Stanley the Secretary of that department was very civil and seemed much interested in this oil affair. The Governor General also seemed to feel great interest in the business. He is a stout heavy man that would weigh perhaps two hundred pounds and is very fond of hunting & would follow. When I saw him he had just come back from a hunt and seemed tired and careful often as he talked. He is reckoned a man of no bilit. Stanley, but had the a strong story, if he is not mad, and was appointed breaking of India by D'Israeli after being victory of the land. I bought with me from Calcutta my Bengalee (or Bengalee) servant Gopal, who serves me in all ways, at table, clothes and bath, breathing, bed making, errand running, buying and carrying all and it is so customary in this country to have one or more servants that the service at hotels is based upon the expectation of your having your own servant with you. The expense is not great; I pay Gopal only twelve rupees (about six dollars, coin) a month and he finds himself in everything but transportation; and that is reckoned a high pay because in travelling he needs a half fare. Now he would at home. His transportation in the railway and in the stages costs one eighth of first class fare, and in stage coaches he takes the baggage. The I did had to pay full fare for myself and a ticket for the baggage.

the bargained for if he suited well, and I can cut off eight or ten cents, sixteen to a rupee) for any shortcomings & he is consequently very anxious to please, and as he lived a year and a half with a friend of mine (whose acquaintance I made on the passage out, & this way) he is both trained already and known to be pretty trustworthy. That is he is supposed to steal only in a very moderate way and to keep others from stealing from me. When he buys any thing for me he evidently gets his commission from the seller, or names to me a little higher price than the one he actually paid; but even then the price is much less than the shopkeeper would have made me pay. The one price system seems to be almost wholly unknown in India, certainly it is among native shopkeepers, and they charge according to what they think you can afford to pay, or are willing to pay, especially if you seem ignorant of the real value of what you buy. Some shopkeepers or pedlers, native, visited us here yesterday at the hotel and I bought some few little things, and they sometimes came down in their price to one quarter of what they had asked at first, and perhaps made good bargains then. I am not used to this bargaining, but tried it a little yesterday for mere fun. Among other things I bought two or three sets of native pictures of native costumes of this part of India, somewhat different from those of Bombay and Calcutta. The climate is cooler in winter and the clothing has to be warmer. The women here wear loose trousers that reach to the ankle and are tied there, or fit closely there; others wear a skirt or petticoat, sometimes hitched up on one side. Neither dress is anything like so becoming as that of the Calcutta women, which is often only a single piece of muslin wound once or twice round the hips and thrown over the shoulders or head. They bathe or wash themselves in the river in the bathing places by the score along with scores of men, and on coming out remove this wet garment and put on a clean dry white one, all with the utmost propriety, and without any [illegible] exposure. There is [illegible] little [illegible], and as their shape is often good they look very well in this white, [illegible] [illegible] folding thing of a dress. The higher caste women, however, are kept shut up very closely in the houses and never see any man but husband, brother, father, and [illegible] — Tuesday, Umballa, 1100 miles from Calcutta, on Tuesday morning after [illegible] [illegible] [illegible] in [illegible] [illegible] through [illegible] [illegible]. At Bombay and Calcutta the hotels are kept [illegible] [illegible], and [illegible], [illegible] things cheaply. I [illegible] of Umballa [illegible] walking [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] seen these pleasant [illegible] [illegible], specially of [illegible] and [illegible] [illegible]

Rawal Pindi; 26th Feb. 1870.

Col. Robert Macleagan,
Lahore.

My dear Sir

Mr. Walker, Asst. Engineer here, has shown me the plans and estimates for the staging of the boring apparatus that is going on the wrong side Lahore, and Capt. Elwes last says that work on the staging was already begun. It is a great frame of the shape, fifty feet high, and is estimated to cost Rs. 2600. The expense of getting it about will be very great even on good roads, and will be still less regular (as I understand they are in most of the Punjab) it would be nearly or quite impossible. If more time and boring should be needed, it would be a serious to take it to pieces and put it up in some other place. Moreover, in the plan, too, the hole is a mere inch and a half perhaps there are also smaller borers with the machine. It seems very clear that such a machine is quite unsuited for the preliminary borings that are merely in question now; and both Mr. Walker and myself seem to agree with me. Would it not be better to use instead of this machine the one that has gone to Dera Ismail Khan, and which at Kundian and is just like the one in use at Mandala, consisting of a simple bullock staging as the other kind and having deep wide borers about as mine inch? If that be inexpedient, would it not be better to suspend the Mandala boring for a time and use that machine, or rather from Dera merely the deep wide borers and some of the if they seem easily to spare, and use them with a new, light staging of the kind they require? They are not in use at Mandala, and could be spared some extra with the steam engine. Perhaps as with the machine now coming from Lahore, or perhaps still better with a gear moved by bullocks or buffaloes. It might also be possible to make a three or four inch borer similar to that used at Mandala and requiring less power; or to make a three inch boring apparatus of the American kind; but these might take more time in preparing than it would be worth while to give them. I understand that the steam engine with its office machinery would take about fifteen rupees worth of wood in twenty four hours and that the salary of six bullocks and [illegible] eight hour shifts would cost nine rupees a day.

RUPE

Then the cattle would need, too, less intelligence in the driver. If it should seem best to bore night and day, would it not be best to have Mr. Harris at the boring as well as the assistant engineer in whose immediate charge you were expecting it to be. It seems to me that the boring would then be actually more expeditious than with only day shifts but would be more costly to say the least.

Captain Lambert seems anxious to do everything for me in the way of outfit that he feels himself authorized to do, but not to have been officially instructed on these points. At least his understanding of the matter does not quite agree with mine. I understood Col. Hawley to say that in place of the ordinary daily or mileage travelling allowance, the actual expenses of my transportation and subsistence would be paid, and that I should be furnished with everything necessary for both these items. Although such an arrangement is common in America it seems to be so unusual here as not to be understood at all; so that I fear I have made a mistake, and would be glad to be informed either directly or through Capt. Lambert. If my understanding was right, then I suppose there will be a khansaman among the camp attendants provided by Capt. Lambert. Would it not also be highly desirable or even necessary for me to have some man with me who could act as interpreter? And shall I look to Capt. Lambert for one or find one myself?

Capt. Lambert has not yet been able to get a tent, but thinks he will have one for me within two days or so, now.

Very respectfully yours.

Benj. Smith Lyman.

Rawul Pindi; 27 Feb. 1870.

Col. R. Strachey,
Calcutta.

My dear Sir:

I left Calcutta Saturday night, 12 Feb., and reached Umbala Tuesday morning, the fifteenth, and Cap. Cafik Alexander came the same day at noon. We had some excursions to make on distant ranges that afternoon and the next day, so that I did not see much of him; but I spent several hours at the boring each of those days. It was then down about three hundred and fifty feet (352 actually), and was going down pretty well for the moment. The boring was begun on the 1st of last November, at the bottom of a well sixty fifty feet deep and walled up with brick; and the earth has therefore been just about three feet and a half a day. The boring is done only in the day time, during about eight hours and a half of actual work. The diameter of the bore is nine inches. The material bored through is all alluvial, an irregular succession of layers of sand, clay and boulders; and as the sand is very loose, or quicksand, it is necessary to keep the well as fast as it is worked while passing through the sand beds. The cutter is made of the size of the inside of the tube, and the tube follows it closely through the sand and into the top of a clay bed. When the tube is left in until the bottom of the clay is reached, and as the cutter has then cut a hole through the clay a little larger than itself the tube easily follows it. But the friction caused by the upper parts of the clay beds where the tube fits tightly is so great that the tube has to be pressed down now with a force of thirty tons by means of four jack screws and eight men. In the upper parts it will stand the pressure of six tons only. The difficulty and slowness of this is the cause of the great delay of the boring. The intelligence, activity and practical skill of Mr. Marsh, the manager of the boring, pleased me very much. He has personally to guide the boring machine all the time it is in motion. The assistant engineer, Mr. Davis, who is often at the well, seems to be a very worthy and intelligent man. The boring machine (Walker and Platt's patent) pleased me on the whole very much. It is different from the American plan, but in my opinion [illegible]

It also does not need any lofty staging (or "derrick"), and is therefore much the better suited for such migratory work as may be needed in the oil surveys. The boring is done with a heavy borer some six feet long, at the lower end of a flat rope, which does not turn. The borer is made to turn a little at every stroke by an ingenious ratchet arrangement at the top. Mr. Harris has bored in England over thirteen hundred feet deep with such a machine with full success. The objection to this machine as compared with the American is that, as Mr. Harris states, the ratchet arrangement would not work with a smaller diameter of the borer than six inches; but this arrangement might perhaps be modified so as to admit a boring of three or four inches. There are difficulties with the machine at Humboldt, but of a different sort. — The water in the first hole stands at about thirty-five feet below the surface of the ground, showing that all the sand beds are connected; and probably all the beds are generally irregular lenticular deposits. The most we can have found in sinking the well was a supply of oil or gas, or both only. Possibly a very thick bed of sand if they should come to one might yield as much water as is wished for, and it could be pumped the thirty-five feet to the surface of the ground. The only chance of a flowing or spouting well would of course be in the thick rocks quite below the alluvium. But if you consider that the alluvium fills a very wide basin that has most likely a steep slope from its sides towards the central line, and that the well is situated twenty-five miles from the nearest edge of the alluvium, you can hardly expect to strike solid rock very soon. Only fifty or one hundred feet in the mile would give in twenty-five miles a depth of 2500 feet; but perhaps the average slope might be less, and possibly the rock may be struck in some high part. It would be highly interesting to know how deep the alluvium really is here; but I confess that the commercial prospect does not seem more very promising. There is at the boring in all only five hundred feet of tubing, so that the hole cannot go very much deeper. The basin in which the alluvium lies may be compared to the bed of a lake; and a depth of 2500 feet at twenty-five miles from there would not be considered

On the evening of the eighteenth I left Humboldt, and reached Lorne the next afternoon, and the same day after a short interview with Col. Macleod (Supt. Mounted Police) crossed the earliest possible

[illegible] gari for this place, [illegible] namely on the nineteenth. On the Lighthouse I had a longer interview with Col. Maclagan who treated me very kindly and arranged an office for me with the greatest promptitude. The Lieutenant Governor had me lunch with him and displayed great interest in the oil survey.

I arrived here last Sunday afternoon, the twentieth and called on Capt. Lambert, Superintending Engineer, next morning, in the absence of Capt. Lennox, Superintending Engineer. Capt. Lambert has seemed [illegible] to do everything for me that he felt authorized to do, but has not formed his instructions quite explicit in corresponding. The plan you proposed of paying my actual travelling expenses (taxes perquisition and Extra taxes, as I understood it, a common thing in America) in addition to my ordinary mileage and diff allowance, is so unusual, it seems, [illegible] will be [illegible] probably, and I fear that I misunderstood you, and would be glad to be informed either directly or through these stations. At Kana [illegible] one or two [illegible] here, Capt. Lambert has been buying tents and camp furniture, but has not yet found a tent for myself, though he expects to do so in a few days or two.

A boring machine [illegible] for oil boring [illegible] here is now on its way from [illegible], and they have begun to make [illegible] a high staging that it requires. It is a machine by [illegible], and from [illegible]. The staging is [illegible] fifty feet high, estimated [illegible] Rs 2600, and will be extremely inconvenient to carry about from place to place, even if it be possible to carry it without [illegible]. I have [illegible] Col. Maclagan suggested that this ill-suited machine be replaced by the one at Mandalay, which an letter that now gone to [illegible] Mr. Mercail Khan or Mandalay [illegible] for water, or that the original boiler of the Mandalay machine be taken with a new light staging be built for that and a gin to be worked by bullocks. The engine boiler at Mandalay weighs 44 cwt., and would be [illegible] troublesome to transport. I also suggested the boring go on night and day and that Mr. [illegible] be [illegible] present as well as the assistant engineer who was to have charge of the boring.

The first place the Kind is near Shuttlejing, nearly thirty miles [illegible] of this; and as the [illegible] water here [illegible] 150 gallons a day I have some hopes of [illegible]. [illegible] it is [illegible] boring [illegible] they will hardly be interfered with [illegible] boring [illegible]

I mention the Salt Range Map, which I thought does not extend beyond the Indus; while some of the most promising reports of oil come from there, in the Kaffir Kotla Range. Could you therefore conveniently send to me a map of the same scale (one inch to the mile) of all the country west of the Indus and north of thirty two degrees of latitude? I should be happy to pay for them myself, if they are for sale as I understand here they are. They might be sent through Capt. Lambert.

Very truly yours.

Henry Smith Lyman.

Powell's Hotel; 2 March, 1870.

Captain P. Lambert R.E.

Dear Sir

I am much obliged to you for the letter you forwarded from Col. Wardrop and for the notes you send with it, and I am very glad there is definite news and information at last about my travelling expenses. The arrangement made with the Shipping Company suits me.

I will call this morning at your office and see the Camp furniture you have there, endeavoring for meeting you later at the Gymnasium.

Very truly yours

Henry Smith Lyons

Capt P. Lambert R.E.

Powell's Hotel, 5 March 1870

Dear Sir:

If you will please send me now the money you spoke of yesterday I will be much obliged. I'd like to forward it at once. [illegible] Please send the money in a check for me.

Very truly yours

Henry Smith Lyons

Rawul Pindee,
4 March 1870.

A. B. Wynne Esq.
Geol. Survey of India.

Dear Sir,

Your kind paper of the twenty fifth of last month reached me day before yesterday only; and I was very glad to hear about your intended movements, as I have been in hopes of meeting with you somewhere.

I set out today for a place six or eight miles south or southwest of this where there is said to be oil, and in a day or two probably shall come back through this place and go immediately to Pattehjang. How long I shall be there is quite uncertain until I have seen the place; but I think the oil bearing bed there will be tested at some depth by a boring, as the arrangements for doing so have been made already, and even a poor prospect will under the circumstances justify the trouble of a trial. After the boring is made, or more likely while it is going on, I shall visit the oil springs farther west (near Campbell pur?) and Khatt (by Jatta & Kondhail), and also visit the salt mines, and the coal. Perhaps I can tell more definitely what my movements will be after I get to Pattehjang, and then we can arrange formally as soon as we conveniently can.

Wishing then to see you there, and thanking you very much for your letter, I remain

Yours truly
[illegible]

Powell's Hotel, 4 March 1870.

Mr. Cope
Assistant Engineer,

Dear Sir

Captain Lindsay says he may ask you to send to his house for him to shoot a pelican under a small tree from the grounds. Please send him if possible this afternoon as I shall start to-morrow morning early, and oblige

Yours very truly
Benj. Smith Lyman.

Rawul Pindee, 4 March, 1870.

Col. Maclagan,
Lahore.

My dear Sir:

Your favor of the twenty-eighth of last month came duly to hand. I have seen the boring operations that have been made and find it satisfactory for hand boring with tools about "pole tools" without a [illegible] above ground. I understand that a set of Hawley or "Leitch" [illegible] something over twenty feet high [illegible] has been begun. The tools are for a hole of three inches in diameter, as I do [illegible] and such a hole can be bored by hand pretty well to a depth of a hundred feet or even more. Of course for a greater depth progress would be more rapid with more power, but manual labor is cheap here and relays of men might be made use of and so keep up quick work. Perhaps it will be best to bore at first a hole of from fifty to a hundred feet deep to test the soil bearing bed, and possibly afterwards one to strike it at a greater depth.

I am very glad to have a more definite and correct understanding in regard to my travelling expenses. The arrangement is not only quite satisfactory to me but much more liberal and convenient than what I was expecting.

I made an expression last Monday to Rata Khan, Kitten with earth-opener, to see the little oil spring there. He said that [illegible] would comfort [illegible] [illegible]

Rawal Pindee; 4th March, 1879.

Colonel R. Strachey,
Calcutta.

My dear Colonel:

Since writing to you last Sunday I have been more deeply informed as to the arrangement made in my absence by the Commissioner, and find it much more [illegible] than I had in the beginning. — The tents were secured by Captain Lambert yesterday, and the Bunnies made their appearance today; and I did not hear any murmuring. I go first by Capt. Lambert's tents & see all offering. Officers are by discovered some days with [illegible] of this, and often [illegible] so we immediately [illegible]. That will give us some time if anything necessary to the tents [illegible].

Last Monday I made a little excursion with a party to a small [illegible] Hotar, [illegible] oil [illegible] from crevices in limestone [illegible] [illegible]. The hole might be bored [illegible] oil [illegible] at a [illegible] feet in depth or more, to see whether the oil would [illegible]; but [illegible] will get [illegible] the [illegible] [illegible] Hotar [illegible] and there is a pretty good road [illegible]. Indeed, the [illegible] Pindee would be willing to cart for the hundred [illegible] needed daily after [illegible] weeks, [illegible] a very large amount.

Captain Lambert's operations [illegible] have been very [illegible] helping one get electric [illegible] for the camp; and the Military Architect Engineer of Rawal Pindee, Superintending Engineer [illegible] has also shown me [illegible] attention.

I have been much disappointed in getting no [illegible] in letters. If [illegible] being left [illegible] Public Works Department with you [illegible] the Indus [illegible] years. [illegible] must be [illegible].

Powell's Hotel, S. Island, 1870

Capt. Lambert R. E.

My dear Sir

The inclosed will explain itself. I need scarcely add anything more. If you be so kind as to give the bearer Mr. Peters a line by which he can get some information from the Dominion Government that he stands in need of, he will be much obliged and oblige

Yours very truly

Geo. Smith Sproule

Talheiana; 8 March, 1870.

Capt. C. Lambert R.E.
Rawul Pindi.

My dear Sir

On coming yesterday morning to the neighborhood of the Chakar hill I found not well informed inhabitants knew nothing whatever of any oil there; but they told me of two places a few miles further south west. So I sent the camp thither in the afternoon and visited the nearest place, about four miles south of this, on the Sohl river at the mouth of the Barsala. This morning I visited the other place, some eight miles south of this. Neither place is very promising; at the first there is a constant bubbling of oil and bubbles of gas rise from the bed of the river through the water; at the other place there is no oil in the cold season, but there is much more in amount in the hot season. This comes from the melting of bituminous matter that really impregnate a thousand cubic yards of sand of Coal, the remains perhaps of a considerable spring in former times. This earth would yield oil by distillation and perhaps enough of it to supply the Rawul Pindi gas works for two or three years, if no other source of supply should be found.

We are now 8 miles from Rawul Pindi and as nearly in the direction of Hattchjang that a ship would be lost if we went to Hattchjang by way of Pindi instead of [illegible]. So I send Peters to see about getting the few things we left at Pindi, while I attend to some office work tomorrow. Day after tomorrow I hope to move upon Hattchjang with all my [illegible].

If you could now buy and send over to Peters's hands the lamp of which I gave you a sketch I would be much obliged to you; and please tell him what kind of oil to get for it. I have asked him to get a two gallon tin of it. If the lamp can be had [illegible] it can be sent later to Hattchjang. Candles will probably be hard to come by there. When my pay comes to your hands please send me as soon as possible an order on the Hattchjang Treasury for a hundred rupees and deposit the rest for me at the bank. It will be best for you to deposit the whole there and then draw out what you want with a draft or cheque. I shall be [illegible] and a draft as soon as I know it is safe.

Owing to your care and [illegible] the camp seems very well fitted for comfort. The [illegible] chief men of the village and other [illegible] are [illegible] the [illegible] information and hospitality.

Very truly yours, [illegible] Smith Duncan.

Pittsburgh, 8 March 1870.

To the Post Master
at Rawul Pindi.

Dear Sir:

Please hand the bearer any letters or papers for me in your office now; and send any that may come hereafter to the Post Office at Chillianwala; and oblige

Yours Respectfully,
Benj: Smith Lyman.

Dak Bungalow, Futteh jung; 13 March, 1870.

Captain P. Lambert, R.E.
Rawul Pindee.

My dear Sir:

Your favor of day before yesterday is today at hand; and the box with the lamp in it and the envelope with papers on petroleum have all safely arrived; and I am much obliged to you for all these attentions. Also for the order on the Tehsildar which the [illegible] is all right and will be paid tomorrow, as this is a holiday. You are very kind to send the papers on petroleum, but Col. Maclagan at Lahore furnished me with copies of them all; and to prevent any accident to your copies of them I send them back by the same coolie who brought them. There was a balance against me of £48: 15: 10 of money furnished me by Mr Thornton, British Minister at Washington, that seems to have been overlooked in the account you enclose.

Baboo Peter did not get back from Pindee until Thursday noon; and in going on the way at Ranial the nearest village to the Chiapee hills fell in with the only man there who knows the oil in those hills and who was not at home when I passed the village. So on Friday we went to look at the places; but found them of even less importance than the smallest we had seen before. Yesterday (Saturday) we came here, and this morning I went out to look at the oil wells, three miles northwest of this place. The man in charge there has been there only about [illegible] days he says [illegible] twenty gurrahs full a day, but that his predecessor got only three a day, that there is less in cold weather than in warm. This yield is far greater than that at any place I have yet seen in the Punjab, and it looks very promising for the Pindee gasworks. I have not yet studied the place so thoroughly as I hope to; but it struck me that the boring might be made in a little better place. The rocks are [illegible] pretty steeply but not vertically, [illegible] nearby and in order [illegible] it would should be bored a little [illegible]

[illegible] instead of just the well was [illegible] of the [illegible] and [illegible] got [illegible], as I understand, [illegible]
[illegible]
[illegible] Very truly yours, [illegible]

Camp Gunda, near Hatchjing;
15 March, 1870.

Capt. Lambert R.E.
Executive Engineer.

My dear Sir:

Could Mr. Cop (if he is there charge of the boring here) come out here with his borings within three or four days or so? I can by that time have arrived where I know then it will be best, and I think highly desirable to have in order to test the yielding capacity of the oil bearing bed here. The borehole (without the pipe and) will probably barely a hundred feet or so deep and can be bored perfectly well by hand. It will hardly be worth for me to stay here about more than a day or two after the boring begins, the work is so simple; and I propose then moving on towards Kowlahgurh on the Indus and then down to Kalabagh and Earthail, after giving better orders than I did in this middle Punjab.

Hoping to have the pleasure of seeing you here soon, I remain

Very truly yours.
Benj. Smith Lyon.

Camp Gunda, near Hatchjing;
15 March, 1870.

Messrs. [illegible] & Co.
Tailors,
Rawul Pindee.

Gentlemen:

Enclosed please find a check on the Punjab Bank for nine ty four rupees (Rs 94), which is a little more than the price of the two suits of clothes you have been making for me. Please send me the clothes and the change (if any) by the bearer of this; and if by mistake I am sending you too little I will make it right as soon as possible.

Respectfully yours.
Benj. Smith Lyon.

Camp Gunda, near Pillaing
15 March, 1872.

A. B. Wynne Esq.
Geological Survey of India.

My dear Sir

Your letter of the 7th of this month has come duly to hand, and I am much obliged to you for the information it contains and the kind offer of assistance. I shall be very glad to hear from you whenever and whenever it may be convenient to you to find me; but I shall, since I have to wait another month, be at hand, still many days in advance when I shall be. I hope to leave here about the end of this month or early next, and move towards Kordahjah on the Indus and then down to Halabagh and Esakhail and then perhaps back round along the Salt Range to Pind Dadan Khan. I hardly know how long this will take as it depends on the number of oil springs I visit and on the delays of searching. Whether it will be as much as a month or as little as a fortnight or two months is quite uncertain, and I shall be glad if you will let me know if there is anything you want done. Very [illegible] in helping me with the geological work of India. [illegible] will found anything.

Yours very [illegible]

Camp [illegible], near [illegible]
19 March, 1870.

Messrs. A. Scott [illegible]
Leilers, Russell Pinder.

Gentlemen:

I sent you three days ago by the bearer of this a letter enclosing a bank check to your order for ninety four dollars (about the amount of your bill against me), and requested that you would send back by him the two devils of bitters. He has brought neither them nor any written answer to your letter. He suggested that I call for them before leaving Pinder's. Please send me a line by him now, and the [illegible] if possible, and oblige

Yours respectfully,
[illegible]

[illegible], [illegible]

[illegible] March, [illegible].

Messrs. [illegible] Russell Sheldon.

Gentlemen:

Your favor of the nineteenth containing statement of the accounts came duly to hand, along with the clothes. My middle was in the prime of the tight knit; and I have found you the leading tailors and dispensers, then and back-receipts for the money. I may know it was properly delivered.

When I go to Pinckney I will get you (if it is not too late) to alter the waistcoat so that it may be buttoned up, for that is a coat that will not button comfortably.

I have entrusted [illegible] carefully at the clothing, but they [illegible] were quite satisfactory.

Very respectfully yours.

[illegible]

Camp Gurdia, near Futtehjung, Punjab;
23 March, 1878.

Dear Mary:

Your welcome letter of the eleventh of January only reached me a week ago last Sunday, and Mother's of the seventeenth of that month arrived here two or three days ago, together with James by the assistant. Letters are quite clear in coming to hand, especially safe in the country here, and I shall think myself lucky if none get lost altogether as some newspapers seem to have done. But they seem to be very careful in the postoffices about letters, at least where there are European clerks or ready to collect in them. In the Futtehjung post-office for instance in the whole time there is no one that can read or write English or talk it, as that all letters addressed in English are handed to every European that comes along until the right one is found. There are very few Europeans that do come along through this town, about twelve or fifteen in a year, although it is on a line of some importance and on a big road, and has a daily mail to Rawul Pindee about twenty-five miles distant. My camp is about three miles northwest of the town, and this place is called Gurdia, or bad smelling, because of the oil found here. There is no house here, only a tollbooth at the well, in which a couple of men live to watch over the officials and see no one in that is called the jungle, that is woods or wilderness; but there are no trees here except little stunted thorn trees and bushes and very few of them. At night the jackals are heard howling loudly all around and sometimes quite close, and once in the day time we saw one of them stroll leisurely past the oil well only a hundred yards from our tents. Major Rawul Pindee and I went into camp about two weeks and already we have been encamped nearly a week at another place before coming here. My camp consists of a tent they call here a hill tent for myself and two smaller tents called khoolaries for the servants. My tent is twelve feet square with a pole in the middle and walls three feet high, built with a low narrow room or alley on one side, used as a sort of store room and by day as a bath room for me and at night as a bed room for two of the men. Transportation is quite cheap, only four silver dollars (Rupees) a month for a camel which carries about four hundred rounds; consequently it is not many to carry all sorts of things into camp.

Many [illegible] in my tent and are [illegible] and [illegible] [illegible] or [illegible] cases [illegible]. It [illegible] impossible [illegible] a [illegible] [illegible] [illegible] the [illegible] [illegible], [illegible] the floor is covered with a coarse [illegible] matting; on one side [illegible] books and drawing [illegible] and the usual [illegible] of all kinds, and in [illegible] lamps with glass chimney and shade; on the other [illegible] made are arranged on dishes of various metals (from very fine [illegible] plate (this latter almost unknown of in Europe and America) to [illegible] in India as [illegible] [illegible] in Camp) down to electro plate [illegible] [illegible] white [illegible] side. [illegible] [illegible] [illegible]

[illegible] has a horse of his own [illegible] the men [illegible] in
[illegible] and his salary is thirty rupees a month; and [illegible]
[illegible] except that he [illegible] sometimes rides on [illegible] camel (something
[illegible] than the last three [illegible], although not a man of fortune) and [illegible]
[illegible] hires a horse, and the little girl is either carried in [illegible]
arms or perhaps gets a ride on the trunks. The men carry in their
hands a few precious articles that cannot easily be packed, such
as my umbrella, a pot with butter in it and water over the butter [illegible]
[illegible] it, as I eat no butter in camp, it is so poor, so much
like our own white Southern butter. [illegible]
[illegible] the Camel man and a [illegible] man; you see the subdivision
of labor is carried very far here in India, [illegible] that each man has
[illegible] nothing to do. [illegible] establishment [illegible]
[illegible] belongs was [illegible] only six servants besides the
[illegible] furnished by government, and the [illegible] Camel and [illegible]
men, only [illegible]. [illegible]
by orders from the native magistrate [illegible] a branch establishment [illegible]
[illegible] so that my men [illegible], and this [illegible] is also
[illegible] to buy [illegible] cheap here. The magis-
trate also has a [illegible] to help my men buy milk and other
[illegible] authority is respected and the natives are [illegible]
[illegible] ordinary channels, they say. I [illegible]
[illegible] to find a very few days to get [illegible] and [illegible]
[illegible], and [illegible] give them something to do. Now we are thirty miles away,
[illegible] take about three days to [illegible] it in. It would cost but two or twenty
cents to hire [illegible] but after all labor is not
so very cheap [illegible], for I saw [illegible] dipping oil from the well
[illegible] a salary of five rupees a month [illegible] and [illegible] a
[illegible] would do the whole work in half a day easily [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] 8, 15 and 22 January [illegible]
[illegible]

Camp Pinda, near Lucknow,
24 March, 1858.

Captain P. Lambert C.B.
Rawul Pindee.

My dear Sir,

[illegible]

[illegible]

Camp Gunda, near Futtehjung, 28 March, 1876.

Colt R. Stanley R.E.:
Calcutta.

My dear Sir:

It is already three weeks since I wrote [illegible] from Rawul Pindee, and two times I have been here. This place, nearly three miles west of Futtehjung is the one in which the quantity for the Indus gas works [illegible] placed, and some digging was done here four years ago and some boring last year. The boring was abandoned at 60 feet as soon as began in rock. Before abandoning the place there was water for the work. The deepest hole dug had the best indications and is said to have been forty feet deep but to have been filled up again to eighteen feet deep as no oil was found below that; it may have evidently long through the oil bearing bed. Gamble therefore decided to bore in the bottom of that hole, and I shall point out as the best place for boring a pitch some fifty feet north and south of the well, as to strike the oil bearing bed at a depth of [illegible] feet. Then a hundred feet, if the dip is in the same as at the well, namely about twenty degrees. This will give depth enough to learn the merits of the bed as an oil bearer without having been beyond reasonable expense, and at the same time will avoid the expense and delay of a deeper boring and the need of using known big steam power. This also desirable not to strike the bed too far from the well, the bearing point as far as I know are for all there oil deposits seems to be of very limited extent, a few yards or poles in length, and the boring might fall outside of it altogether. There is also a good deal of uncertainty at this place in not finding the bed at a given point, because the rocks are extremely tormented, as the French say, twisting and turning in every direction, bent up in [illegible] as it were, so that it is impossible to tell certainly the dip when, between of fifty feet even, under a cover of alluvium. I have no hopes of a great yield at any rate, but perhaps enough that will make such short boring pay. The Moonshee in charge of the well said on my first coming here that he had had twenty gharas full of oil taken out every day since his arrival a week before; but since that the well has been neglected most of the time and now that the [illegible] take oil away, for the three [illegible] days, they get only one and a half or at most two gharas a day. Thus

from three gallons. I have for a week seen daily [illegible]
the [illegible] Experiments of Lennard [illegible] and other [illegible] place for
coming; but he has been prevented from coming by important business, and
will [illegible] into a [illegible] and also [illegible] from the [illegible] and
[illegible] to Bacon & Co. [illegible] before coming here I shall be [illegible] other places
from ten to eighteen miles on the road of Kandalli [illegible]. All of them seemed the most
[illegible] for oil [illegible]; but at one (sixteen miles from Pindar,
near [illegible]) there is an deposit of bitumen earth containing [illegible]
like a thousand cubic yards at least, it seemed. I should guess that
earth might yield in the [illegible] good as much as half a ton of crude
oil, would yield [illegible] and would weigh from two to four times as much. The
[illegible] is from Pindar is by a bad road, and [illegible] could
easily be made a good [illegible] every two days, and carry a fifth of a ton
[illegible]. The Pindar gas works need only 100 gallons of oil a day, or
[illegible] a year, or if the earth from 250 to [illegible] tons a year, the [illegible]
[illegible] would cost [illegible] from 700 to 1400 rupees. The [illegible]
[illegible] available, about double that of the oil from here (these [illegible]
weight [illegible] tons and [illegible]). On the other hand the digging off
earth would be very heavy. [illegible] on the [illegible], on a pretty hillside, it
[illegible] could be as [illegible] available from [illegible] in Cuttabahan. At 200 cubic
yards a year it would last these gas works 10 years, some four years.
[illegible] from you are [illegible] of all other details; and I will write about it to
Col. Macleod, whom I [illegible] nearly, and will recommend [illegible]
proper assay of the earth which I understand was once taken in Bombay
by Pindar, and a proper use of the little land it covers, if it can be [illegible]
reasonably, with profit [illegible] Government [illegible] the three [illegible] the
[illegible] opinion [illegible] of the [illegible].

Now, then I will [illegible] such plan a much little than I have, you
[illegible] [illegible] and [illegible] expectations (example [illegible] in [illegible]
the [illegible] [illegible] and [illegible] dip off the [illegible] [illegible] the [illegible] [illegible]
[illegible] expectations, and the [illegible] of the oil being [illegible] the [illegible] [illegible]
[illegible] below [illegible] equal level, and in [illegible] or two [illegible] [illegible]
[illegible] [illegible] and their [illegible]. [illegible]
[illegible] will [illegible] the [illegible] by the [illegible] [illegible] miles and [illegible] of the
[illegible] [illegible] these maps will be [illegible] with [illegible]
[illegible] by [illegible] [illegible] will [illegible] [illegible] [illegible] [illegible] and can be made
[illegible] [illegible] by [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Camp Gunda, near Pattiljung, 28 March, 1870.

Col. Robert Macleod, R.E.
Lahore.

My dear Sir:

You will perhaps be glad to hear something of the prospects here at the place that has been through most promising fields supply the Pindee gas works. On my arrival a fortnight ago the moonshee in charge of the well came said it had been yielding nearly gallons full a day ever since his arrival a week before; but I am forced now to believe that it was a gross exaggeration. After emptying the well almost entirely for ten days or so they are now really taking oil from it every day for [illegible] or four days, and it yields only a gallon and [illegible] generally at most one a day. The gallon holds very nearly three gallons, half a pint less. The yield therefore seems the same, about three as it was in 1866, "twenty-five seers" a day, according to the moonshee; but he says that in 1867 he left it yielding seven [illegible] a day, and that the well was [illegible] forty feet deep. I understand that no oil was found below eighteen feet from the top, and that the well was therefore filled up [illegible] feet, thus leaving 8 or 10 feet. The oil bearing bed dipping about 30° to the N.E. [illegible] There has been very quite enough, and it would clearly be useless to dig or bore any deeper in the same place. I accordingly recommend a boring some fifty feet [illegible] so as to strike the oil bearing bed at a depth of [illegible] less than a hundred feet, well under cover and away from the bad influences of the surface, [illegible] the effects of the [illegible] and the [illegible]; and [illegible] if it goes through the bed, will be a good test of its capacity to yield oil and many incidentally [illegible] and to dispel any [illegible] doubts from the present well because all here deposits of [illegible] the quantity limited in extent, a few yards or perhaps rods, and a boring might fall quite outside of it. The geology here is also very complicated, the rocks are folded up very [illegible] irregularly, so that it is [illegible] possible to tell with any certainty the [illegible] of the bed even at a distance of fifty feet covered with a [illegible] of alluvium. You see, then, that the prospect of the [illegible] is not very promising, although it may be that enough oil will be found to make [illegible] the boring pay. I think the chances are, however, that the oil could be brought more cheaply in the bazaar, and I would not recommend such a boring to a private individual who had to get the boring tools out here, and would much less recommend [illegible] government to undertake it myself.

Before coming here I went to two or three places near [illegible] [illegible] [illegible] [illegible] oil. The best was fifteen miles from here, and near the village of [illegible]. There was no [illegible] [illegible] [illegible] [illegible] said to appear in the [illegible] [illegible] [illegible] from [illegible] [illegible] of the bituminous earth [illegible] [illegible] the place. It is possible that the [illegible] feel that yielded the oil [illegible] [illegible] this earth with [illegible] [illegible] would yield oil [illegible] [illegible] [illegible] [illegible] [illegible] is no evidence that it would [illegible] that [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. The [illegible] is that [illegible] a thousand cubic yards [illegible] would [illegible] of the earth [illegible] [illegible] with bitumen, [illegible] [illegible] [illegible] [illegible] [illegible] further [illegible]. I should guess that it would yield at least as much [illegible] [illegible] cubic [illegible] [illegible] one half a ton of oil would. In that case the [illegible] [illegible] [illegible] [illegible] 100 gallons of oil [illegible] or [illegible] [illegible] a year, would be [illegible] with 200 [illegible] a year of [illegible] earth, and it would last about four years. This amount of earth would weigh somewhere between two and four times as much as the oil, that is from 200 & 500 tons, or say three times the weight of the oil. It is only two thirds as far from [illegible], and two thirds of the way [illegible] a big road, so that a camel could make a round trip in two days instead of three as they do here, and the transportation would therefore cost only twice what the transportation of the oil should [illegible] [illegible] [illegible] camel carried [illegible] [illegible] [illegible] [illegible] [illegible] two days, and [illegible] [illegible] [illegible] a month, the [illegible] [illegible] carriage would be between 700 and 1400 rupees [illegible]. The digging of the earth would [illegible] [illegible] [illegible] [illegible] is very well [illegible] [illegible] [illegible] on the surface of a gentle hillside, where there would be no trouble from water in [illegible] [illegible], nor [illegible] [illegible] very heavy cover [illegible]. I would recommend a trial of the earth [illegible] [illegible] [illegible] [illegible] [illegible] would be [illegible] and then, if [illegible] [illegible] a [illegible] of the bit of ground owned by the [illegible] [illegible] [illegible] [illegible] [illegible]. The owner [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] of the earth and says he was paid [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of years ago. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for trial. Suppose the [illegible] [illegible] [illegible] the earth [illegible] [illegible] [illegible] the [illegible] would need cleaning and [illegible] [illegible] with oil and would [illegible] be better for the [illegible] [illegible] [illegible] The transportation of the earth [illegible] [illegible] [illegible] [illegible] [illegible] on the big road, the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] they take the oil on camels to [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a rough [illegible] [illegible] the place, extending from [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] should be made [illegible].

Gravesend, near Rochester, 31 March 1[illegible]

Capt. P. Lambert, R.S.

Superintendent Engineer, Naval Pinder.

My dear Sir:

Your favour of the twenty-sixth came duly to hand, & I am very thankful for your kindness in giving the travelling of that month and of this. As I am quite inexperienced in these forms, I can only mention what I have perhaps given too much detail in filling them in, or perhaps inadvertently, the form seems to be a principal of the exemplification and direction. — To prevent mistake and the trouble of a correction afterward I would say here that the balance required has on account of the travelling bill advanced is forty eight pounds twelve fifteen shillings and the farthing (£48.12.15.10) pounds sterling as stating it was called in my copy of the letter above & the original (not) forwarded. This clerical error was only in my copy of the letter, and in the original, but that among such very accurate should even forwarded with the original would prevent the possibility of my further blunder from your speaking of the balance as £48 only; and perhaps the fact that you have not perhaps the account of Pinder, in fact filling it with the same in position on your books, I have attempted it with the transition the matter, and explain it fully.

I have written (the same day as this) to Mr. Napier urging that the government by the defect of Commissioner South, Dipton Hydro South West of India, and near Bombay, of which I have your indication that there are 1000 cubic yards purchased, and that it would last the Pinder you write about fortnight, filling and only 100 gallons of oil a day; and that the 1000 yards would weigh approximately about 1500 tons, which the oil that would yield the same amount of gas would weigh 500 tons. The transportation, however, would cost only twice as much as that of the oil from here, however, although the weight is three times as great, the direction is only two thirds as great; and that would be a very rate only a trifle, for a thousand tuns a year. The dipping would be very slight indeed.

Mr. Napier, I regret, your engine & tank, tends the boiler, you will be able to manage it without the aid of a fireman. I do not know if you are a reformed Hydro-charged engine well in the water and boiler down in the cellar. Mine is about 8 feet 6 inches [illegible] instead of three feet. [illegible]

Camp Kasauli, near Kutteigarh, Punjab, India;
31 March, 1870.

J. Thorburn Esq.
Wilkesbarre, Penna.

My dear Sir:

The receipt of the third of January reached me only a few days ago, giving the sad news of Mr. Thorburn's death. I came away from Abbottabad very suddenly on the eleventh of December, and on my journey answered a letter that had come from Mr. Thorburn only a short time before I left home. But it did not reach, it seems, until a fortnight after his death, and nothing could have surprised me more than what you write. Although I was aware of his being quite ill I had no idea that there was anything so serious. I passed hastily through Paris at the time, and often thought of him while there and had occasion to speak of him with our other friends who knew of him or was not, however, able to see his friend Mr. de Chancourtois, the geological professor at the Ecole des Mines. As I passed through Marseilles & Carbrook there for Alexandria I thought of Mr. Thorburn again, and wished that it was possible for me to pay my respects to his family somewhere in that neighborhood, I believe, and tell them I had seen him since his arrival in America. This is certainly a very great one and only to his friends, but it was coming, which I had thought so lucky in gaining him for an inhabitant and citizen. He said, indeed, that he should have died alone in a watering establishment with no friends near, and so far from his family. His wife and children must feel his loss very keenly, and regret his absence in America. This is an event in a manner unmitigated by the distance of separation, you say.

perhaps best write him yourself of the loss of your friend. His address is "Care of Messrs Borda, Keller & Nutting, Malcolm Street between Third & Fourth St., North Side, Philadelphia."

I am very glad to hear that you have improved your condition in Wilkesbarre, and that it will go on improving. But I am surprised that Albert Powell did not find it worth while to pay you as much as the Seminary is willing to pay. Perhaps you will have leisure to do some work more strictly professional besides teaching French, and may gradually establish yourself independently in mining business at Wilkesbarre. If you should advertise or make known in some way to the public that you are ready to do mining engineering work it is probable that some such work would be offered you, and perhaps in such a way that you could do it without interrupting your French lessons. After you had done a few pieces of work in that way, you would become more widely known, and your business would increase, and after a while you could give up the teaching for work that would pay better.

I have come here to India to survey the petroleum regions of the country for the British Government, and expect to be here a year and perhaps two. These oil regions are partly here in the eastern part of the Punjab and partly in Assam, northward of Bengal, and in Burmah; and I am likely to see a good deal of the country before I leave it. I must hope that long before I go home you will be in good satisfactory business, and that I shall find you in a very flourishing condition.

Farewell, and believe me very truly yours. Benj. Smith Lyman

[illegible]

[illegible]

[illegible]

Camp Gunda, near Kittahjung, Burmah
March 1878.

D. M. MacGregor Esq.
Sydney, Cape Breton.

My dear Sir:

I was pleasing I wrote you very soon and thank you for sending me a Cape Breton [illegible], with the account of the beginning of work on the Railway [illegible], when I came away very unwilling from Canada to leave my old acquaintances for India for the British Government. I read the account of the ceremonies and speeches at the railroad opening with great interest, and I trust that in the Romantic Island will be in [illegible] highest hopes that were placed in it that day. I also noticed in the papers the advertisement of land still there. I think on the whole it will be best now [illegible] this advertisement of the land be withdrawn. [illegible] for this reason you. If you will please consider [illegible] for advertising [illegible] [illegible] begun. My impression is that the land will [illegible] increase in value on account of the increase of the coal business [illegible] this new railroad is one of the sights if not partly the cause. I think there will pass really be free trade in coal and land between Nova Scotia and the United States very soon; indeed, it looks as if the time was very near when there will be complete freedom of trade between the provinces and the States. Last October I made a trip to Lower Canada, through Montreal, Quebec and Rivière du Loup down the St. Lawrence to Gloucester River on the North Shore, only [illegible] miles west of Anticosti Island. I was surprised to find how strong the signs were of a speedy independence of the provinces or annexation to the States. It seemed to be understood that the home government would be quite willing to assent to any such arrangement as might be distinctly desired by the majority of the provinces; and Lower Canada seemed much more ripe for the move than I had expected [illegible] I think the provinces have some gain from the change [illegible] the States, but that it will be an advantage in some respect [illegible] I think not. But the change is come

time before long, and such events between, carefully [illegible]
perhaps I shall have the happiness of welcoming you as a fellow
citizen before I go home. I am that that part of the [illegible]
a grain of the States, and a great are

You have perhaps heard something of my movements the
[illegible] gentlemen who are interested in oil operations
indeed the movements have not been so sudden that one [illegible]
thing. On the Eleventh of December last I sailed from Norfolk
for India, at a few days notice, to survey the oil regions here
for the British Government. I had not been heard of such a project
until after my return to Philadelphia from my annual
visit to Northampton Thanksgiving a couple of weeks before
I came out as rapidly as possible in order to arrive here as early
as possible in the winter, because this is the most favorable time
for work in the field in this climate. I sailed from New York
direct, passed hastily through France to Marseilles and from
there sailed by the Peninsular and Oriental Company's steamer
to Alexandria, and thence by rail and sailed again from
there to Bombay and crossed India chiefly by rail to
Calcutta. I had nearly two days in Paris to see a little
myself and complete my outfit for the journey beyond
and you may imagine how much I enjoyed even so little
a visit to the city I had lived in for nearly two years some
eight years before. It was so changed in many parts that I
could not recognize it at all. Everything this side of Calcutta
[illegible] was very new to me and very interesting. The sights
of Alexandria were very curious, most of all the people
and their ways. So too at Suez, and Aden where we
touched for coal a few hours, but most of all at Bombay.
Since that the oddities that constantly came before me
in India have gradually been more and more familiar
to me. The oil regions of India are partly here in the Western
part of the Punjab, and partly in Assam and in Burmah.
So I shall have to see a good deal of the country before my
work is done. My agreement is for three one year so if the
work be not finished in that time (which seems hardly likely
now) two years. I have thought it quite possible that the [illegible]
[illegible]

Camp Gwalior, near Ketelgiung, Punjab,
1 April, 1870.

Dear James:

Your favor of the eighteenth of January giving me means of making the acquaintance of Calcutta folks came duly to hand; and I am much obliged to you for it as well as for the trouble you took in giving me all that. I see by the list of Calcutta attorneys that one of [illegible] is Henry Wood Cayzer, and he is no doubt the gentleman you write about; but he is just down as [illegible] in Europe. Perhaps he will be back again by the time I get back to Calcutta, and I shall be glad to make his acquaintance. I dined one [illegible] in Calcutta at the house of Col. Strachey, Secretary of the Public Works Department and member of the Legislative Council, and [illegible] at the same time of his brother Mr. John Strachey, member of the Council and of the Supreme Council; and met there besides three gentlemen [illegible] others and two or three ladies. Among the gentlemen was a Mr. Stokes, whom I take to be Whitley Stokes, Secretary of the Legislative Council. He was he I think who in talking with me after dinner asked [illegible] if I knew Mrs. Eldridge, and both he and some other gentlemen descanted upon her great beauty, from which I was glad to learn that she fairly represented her countrywomen. I see Mr. Eldridge's name in the list of Merchants of Calcutta, at the head of the house of Attenborough & Co., and also as Vice-President of the Bengal Chamber of Commerce. I shall be glad to improve the first opportunity of making his acquaintance.

You know my object in all something from the folks at Northampton. I write hoping it will reach you that I should probably move on westward in the [illegible] when they that I am still kept here, expecting a man and bring the [illegible] out from Rawul Pindee, twenty days' march distant, the principal town of this district, and begin a boring here. He is said to be a sergeant and [illegible] with him six men of the Sappers and Miners, and I hope that he will be competent to attend to the boring and keep the work himself, so that I can leave him here and go on. These delays seem likely to prevent me from finishing the survey of the oil places in the Punjab before:

[illegible] a month or six weeks hence, and it will then be [illegible] as the intervalle, it is said, for work in the field. I can finish the field work before that I shall have done [illegible] work & the Natives will keep one dressed [illegible] the hot season, and that can be done in any time, and [illegible] I shall be ordered to one of the stations in the hills, where every body that can goes at that season, perhaps, Cullooree [illegible] with a detachment of Sipahees, perhaps Shillong. But [illegible] had any information on that point. I should know about the climate of Assam exactly but perhaps I shall be there in July or August; it is among the hills, and [illegible] along the frontiers of Thibet on the Burrampooter River and its tributaries. There is said the decidedly most oil there there here. My work is just such as I did in America, and my maps and reports will therefore [illegible] all the geological [illegible] complete and Natural important and will there also bring [illegible] things should be made if it should be wished to get the depositions of oil more thoroughly at any future time. It would almost be impossible even if it were desirable for me to attend in person to the making of such borings, because the oil springs are numerous and scattered and each one will have to be tested for itself if at all. This one has yielded for a [illegible] fallows a day, which it takes six coolies and an overseer and a clerk to see to the collecting of. But a hole a mile [illegible] easily sunk in the well, only thirty feet deep, and dig up all the oil in half an hour or less every day. If the temperature [illegible] in any preparation the expense of getting the oil would be nothing from them, and the prospects are [illegible] brilliant at any rate. I have been often in Cattlesplain, [illegible] a definite mineral pitch that although small will be enough to [illegible] the Rider gas works for three or four years, and [illegible] appearance of an article for which this oil is very [illegible] the [illegible] will have reached Rider and the gas works [illegible] supplied from other sources. Now the [illegible] works [illegible] would have just finished them, all without having made [illegible] oil.

[illegible]

Camp Gundar, near Kittelying, Punjab, India
8 April, 1856

Benjamin Lyman Esq. Montreal, Canada.

My dear Sir:

The receipt of a printed circular from the Lyman Coleman in regard to the genealogy of the Lyman family reminds me of my often deferred intention of writing you a line in regard to my movements. I promised to be a member of the Committee for the coming reunion of the family next year; but I fear it will be useless for me to do so now, as I expect to be in India perhaps until past the time of the meeting, and it is hardly likely that I shall be able to divine any results for it here. I have come here to survey the oil regions of the Empire for the British government, and have agreed to stay one year or if necessary two years, and it seems likely to take more than one year. The oil regions are in Burmah, Assam and here in the western part of the Punjab. Here they are not very promising but there in Assam are said to be much more so. I left New York for Europe on the eleventh of December only three days after I had made the agreement to come, and within three weeks of my first learning of the project; so you see how little I expected it when I saw you in Philadelphia.

A short time after your visit there I went to Northampton for Thanksgiving, and it was on my return to Philadelphia that the Indian plan was first broached to me. If you [illegible]

[illegible] here as early as possible because the winter is the most favorable season for field work; so I came as rapidly as possible, by way of London, Paris (less than [illegible] days there), Marseilles, Alexandria (stayed [illegible]), Suez (between these [illegible] places by rail without going through the Canal), [illegible] [illegible] there for coal, Bombay ([illegible] days), and then across India to Calcutta by rail, except [illegible] miles of staging. The railroad is now open all the way through from Bombay to Calcutta; the distance is about fifteen hundred miles. My [illegible] [illegible] [illegible] [illegible] [illegible] all advice in regard to [illegible] and [illegible] the [illegible] of Calcutta by [illegible], and [illegible] time they [illegible] [illegible] about [illegible] with me. [illegible] after nearly three weeks of delay there, I was [illegible] here to the Punjab for a beginning, another journey of fifteen hundred miles. After another delay of a fortnight in [illegible] for the action of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Since that I have been [illegible] [illegible] the oil places, but am still delayed here a week or two longer than necessary by the delays of other officials in [illegible] [illegible] [illegible] from [illegible] [illegible] miles [illegible] the principal [illegible] [illegible] [illegible] [illegible] [illegible] here. This is [illegible] the most [illegible] oil place in all the [illegible] round, but the wells already here yield only [illegible] [illegible] gallons a day. I hope (if not too much delayed by others) to finish the field work to be done here in the Punjab by the middle [illegible] of [illegible] [illegible] and then it is [illegible] [illegible] will be quite [illegible] for field work. I shall have then several weeks' office work to do in [illegible] up maps and reports of the places visited, and that can be done in any town, perhaps somewhere among the hills. After that I am [illegible] [illegible] and [illegible]. The [illegible] is [illegible] [illegible] back in the hills (some [illegible] feet above the sea) [illegible] [illegible] and although I [illegible] my [illegible] [illegible] [illegible] quite comfortable here, and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ([illegible] [illegible]).

[illegible] back with great pleasure on my visit to [illegible] and in your [illegible] [illegible] of Philadelphia. Please remember me [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible]. Give my regards [illegible] [illegible] [illegible], & [illegible] [illegible] [illegible] who were [illegible] [illegible] of [illegible]. I am [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], and hope that it may take place [illegible] [illegible] [illegible], as [illegible] [illegible] [illegible].

[illegible], my [illegible] [illegible] [illegible] yours. Benj. Smith Lyman.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Pony

Ally a Khan has been in my service for one month as Khansaman, and has conducted himself well, and is now discharged because I fear he ~~[illegible]~~ will be unable to undertake the great journey he is about to undertake when

Benj. Smith Lyman

Camp Sunda, near Sultanpur,
April 1870.

Camp [illegible], near [illegible]; 6 April 187[illegible].

Capt. P. [illegible] R. S.
[illegible]

My dear Sir:

Your [illegible] of the [illegible] Mr. [illegible] was brought over by [illegible] yesterday, and I am [illegible] for this [illegible] [illegible] [illegible] pitched before night and [illegible] [illegible] today. I will [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] very [illegible], [illegible]. I think it will not be necessary [illegible] point. Mr. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] that I think it will be [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] while [illegible] [illegible] [illegible] the survey of [illegible] [illegible]. But I will go [illegible] probably [illegible] [illegible] [illegible] [illegible] I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], and come back before night, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] importance. In this way I shall be [illegible] [illegible] [illegible] [illegible] [illegible] days yet, and shall be able [illegible] [illegible] [illegible] [illegible].

The [illegible] who has been in charge of [illegible] [illegible] [illegible] [illegible] you, [illegible] [illegible] [illegible] afternoon, and was [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at [illegible], and they were taken in charge yesterday by the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. The [illegible] of his [illegible] was [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible].

Camp Gunda, near Kittelgong; 7 April, 17[illegible].

Capt. P. Lambert &c.

Rawul Pindee.

My dear Sir

I shall be greatly obliged to you if you will complete the stamping of the two accompanying letters and mail them. The one that has a four annas stamp on it, eight annas more; the one that has above made twelve annas, making each twelve in all. Also please send me the two stamped envelopes you have already got them if not, the stamped envelopes &c. will do them for me at the post office, if you will give him the money, and tell him to get half a dozen, [illegible] eight annas each and the other half a dozen annas, or if necessary all four annas each. [illegible] the army, is the present station for which the Bilaspur is to be [illegible]; he having been a cadet [illegible] establishment, he is [illegible] time instead of a [illegible] business. I left Peshawar the Camp moved towards Peshawar. [illegible] I went yesterday morning to Kala, a village with a fort of this name. I took for an oil spring reported to be there, but found there was nothing of the kind in that region. The boring here has not got fairly commenced yet; but will do so today or tomorrow. I expect to stay two nights at Kohat, where there are two Pathan forts, and then go to Dulla, a hill valley in the mountains about two or three miles west of Kohat, perhaps further to more by the road. [illegible] where Mr. [illegible] day and [illegible] yesterday. I expect to be there two or three days and then to go through Kohat, the overland road on the other side, which [illegible] is said to be an oil spring. [illegible] Kohat at a spring near there; then to go to the mouth of Jubba, near Kohat Pass, and then to other places further east in the hill range. — Mr. [illegible] says that the Commander-in-Chief is to be at Peshawar on the 15th instant and that I shall then go through Kohat towards Kohat. He seems quite possible that he will come out here from Kohat by then. Meanwhile, he spoke quite interested in the oil question for the job. If you think it worthwhile, I could come back here from Dulla & be here in a week, explain to him on the spot the geology of the place and the matter; it would take more both probably for a few days, but I should feel I had done him understand matters & be fully responsible.

Very truly yours. [illegible] Smith Coleman.

Chawt, near Hillsborough, Bengal;
9 April, 1870.

A. B. Lampson Esq.
Under Secy. to Govt. of India, P. W. Dept.

My dear Sir,

Your favor of the twenty ninth of last month came to hand ten days ago, and the map (Sheet No. 15) arrived today. It will be of great service, and I am very much obliged to you for sending it.

Yours truly,
Benj: Smith Lyman.

Charat, near Futtehjung; 10 April, 18[illegible].

Captain P. [illegible] R.E.
Ramsul Bindan.

My dear Sir,

Your letter of the eighth of this month came to hand the eighth, and I am delighted to see for the postage stamps, and for the explanations you gave in regard to the mode of sending letters by post and the manner in which I return herewith the acquittance rolls for the following regimental one. You have evidently never received my letter of the [illegible] of April, telling you about the Moonshee's death at Bandar. He died Monday afternoon, a week ago, about three hours after word was brought me that he was dying and wished to give some instructions about the disposal of his effects. Thinking that the presence of such a stranger as myself might be annoying then under the circumstances, I asked my Hindoo friend to go to him, and the Moonshee told him that he wished to have his effects at Futtehpore & the Bazaar Chowdrie of Twenty Pergunnahs and all his books and bills! that he had, some debts, some letters of recommendation and trifle of cash, some of which had been sent to his [illegible]. Afterwards I went myself to the Moonshee, finding that he rather wished it, and he recounted to me part or all of these instructions as they were repeated in his hearing, and I found the things that had been spoken of. But although conscious, he did not seem to be very actively [illegible] and took no great [illegible] of what was going on a good part of the time. He could only speak in a whisper, and made himself understood with difficulty even at that, and could utter but a word at a time. He had already been troubled for half an hour or more with coldness of the body, and that had been the sign of his approaching death. His final death delayed very much since I first saw him a few weeks before. He was then moving about as if nothing ailed him, and continued for some days at least; but I thought him in pain in consequence, but had had no expectation of his dying so soon. He gave me special instructions about his wages that might be due him, but I forgot they could also go to the same Chowdrie. He was moving after his death the position of his dying bed on a piece and sheet, to take out the [illegible] of the Moonshee's effects and these were all tied up in a bundle and carried off as the sun broke on my departure. The four letters were given to the second [illegible] I believe the other two were by the permission of the [illegible] [illegible] the way contrary) and for the purpose of burning the body in Hindoo fashion. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

What the wounded unfortunate for the reflection of his death was the physician came, and was called for the following, but he arrived a few minutes after the wounded's death.

I have been keeping the Chinaman with the [illegible] that he might have the medical attendance. On consulting with the Padre he observing I consulted the Chinaman (as well as one of the Kalakais who have been of much use in accounting for the inspection) for a child large strong arts, as the sufferer is small and have a watch kept at night. He is more than by the two Khalakais, the Chinaman and the male man, two on half the night and the other two the half. He is calling [illegible] called a [illegible] the other day, and he might be [illegible] to the bottom [illegible] a hand clear by have yesterday [illegible] the [illegible] that there were travellers on [illegible] and that we [illegible] a walk, but we never did and some [illegible] but there may be some [illegible] a walk in the mountains [illegible] — I have sent the following [illegible] for [illegible] the [illegible] in hopes of being able to [illegible] with them. These [illegible] words are not well suited for [illegible]; and [illegible] having been [illegible] shall have [illegible] for all [illegible], and we shall go [illegible]. Of course, I shall be [illegible] of this change; but it will be a saving of a [illegible] the government if only a day and a half of my time be saved in this way in a month, and [illegible] that [illegible] will be saved. The [illegible] are [illegible] day after tomorrow and I will then send the [illegible] back to [illegible]. — There are two oil places here, neither of much importance, so that I shall be kept here for two days longer. I came here [illegible] before yesterday. Mr. Lyell paid me a visit this morning and said he had got his [illegible] down [illegible] and a half and that it [illegible] yesterday morning, [illegible] in a crevice; and that he had sent [illegible] for from [illegible] to [illegible]. The boring is in the bottom of [illegible] well; for [illegible] and a [illegible] oil coming from there, thinking that it will be [illegible] bailed out every day [illegible] through. A good part of the oil [illegible] perhaps the large [illegible], seems to come from above [illegible], apparently mixed with the sand brought from some oil bitumen there is there. There is some figure [illegible] gas [illegible], and some [illegible] or more at the [illegible] large; and many [illegible] and [illegible] than the oil is [illegible]. I have not been able to [illegible] the [illegible] of oil and be [illegible] disappointed. [illegible] [illegible] will be got to pay the expense of [illegible] boring at one rate. [illegible] the price of refined oil.

I have been reading in [illegible] of my [illegible] published work of the Boundary Oil Company [illegible] the [illegible] and [illegible] part of the [illegible] and have [illegible] the [illegible] a copy of [illegible] [illegible] the [illegible] [illegible] [illegible] years. Yours truly [illegible]

Charlot; 14 April, 1870

Mr. M. R. Gill
Lang. B. L. & M.

My dear Sir

Your favor of this morning is just at hand, and I am glad to learn that you have cleared off the corn. I will go up to Columbia as soon as I can about one o'clock, in hopes of meeting Capt. Lumbie there too, as I mentioned in my pencil note of yesterday. It will do us no harm to be waiting in the mean time.

Yours truly,
Benj. Smith Lamar.

Mharat, near Kotelejung; 15th April 1890.

Captain P. Lambert R.E.
Rawal Pindee.

My dear Sir:

Herewith I enclose the receipts for the money you handed me yesterday, both my own monthly pay, for March and April, of the establishment; and also the receipts of the interpreter Khufusi and two khalasis for their pay up to the first of this month. There is with the [redacted] a receipt from the Sais for his pay from the seventeenth of February to the fourth of March, which he asked me also to give Pindee, and which I promised to pay myself. He is a rogue, compared with the Nigatives and should be paid for the rest of your excellent mare.

Last night I left the mule tethered in front of my table well covered with papers and the whole table covered with a waterproof blanket. On unpacking the mule this morning I found the table there & it otherwise my disgust to find that the blanket was torn to shreds by a rat. He was still on the table under the blanket and was dazed and stupid. After some hesitation I decided to make another tethering easily and it will be done tomorrow morning early and afterwards sent to you. – After you left yesterday I met the Tirailleur and told him that the Government mules were really going to visit Uganda and for that reason they were repairing the road from Kotelejung to the Nile well and [illegible]

I expect to stay here until Monday morning & then go eastward.

Very truly yours.
Henry M. Stanley.

Chharat, 16 April 1870.

Mr. H. R. Gill,
Ensuda.

My dear Sir:

If you are sending a man to Pialar to day please forward the accompanying letter to Capt. Lambert. Otherwise please put the enclosed stamp upon it and let my man take it to the Post Office at Kittadying.

That tracal map was torn to shreds by a rat as my table might before last, and I am making another. I shall stay here now until Monday morning.

Please send word by my man, as he comes back, about the amount of silk you are getting from the bore and the depth of the bore.

Yours truly,
Benj: Smith Lyman.

Oldenburg, 18 April 1870.

Mr. H. R. Gold, Sunde.

Lieber Herr:

Ich gebe mir die Ehre, Ihnen beiliegend die Rechnung über Ihre Bestellung zu senden. Dieselben Pflanzen sind die einzelnen Stücke so gut wie sie sind, sehr gut entwickelt.

Das Strauch wurde vor einiger Zeit bei mir auf ein neues Stück umgepflanzt und wird neue Triebe treiben. Alle übrigen Pflanzen werden Ihnen zusagen.

Pflanzen sind wird ich mir zu senden, so lange Sie mich dabei die Ehre erweisen, Ihnen die gütigen Ihnen die Ehre zu sein.

Ihrer stets

Ergeb: Ferdinand Jensen.

Chharat, near Chittagong: 17th April, 1870.

Captain P. Lambert R.E.
Rawul Pindee.

My dear Sir:

I send you herewith the tracing of the rough draft of the Kaunda Map. I send it rolled, not because there is any harm in folding a mere tracing, but to prevent too many creases. If the creases it has taken when the sheet was originally folded, be put at the back of one of the foolscap sheets of the report, it can then be folded with the rest of the report, and there will only be one at most creases.

I expect to set out tomorrow morning for Bullee, in the mountains some fifteen miles west of this and five or six south of Porter; and shall probably be there two or three days before going on to Khoobul pass and the other places near the Indus.

Very truly yours.
Benj: Smith Lyman

Gallivant, near Gottenburg, 17th April 1770.

Captain Cumbert R.E.
Naval Pension.

My dear Sir:

I received your kind letter of the 7th of this month, & the Swedish medal, and I cannot express to you my sense of your friendly, & generous conduct to me. I hope, that if opportunity offers, I shall be able to show the world, that I am not ungrateful, & that I have a heart, that can be grateful with the best of me. Perhaps, when the report is come, that I am gone, and the Case only an adventure.

I expect Fahrwell tomorrow morning, the Swedish, as the Gunboats, some Pilots, will accompany us out, for we sail to Stockholm; and shall probably be there in three days. Inclosed, is a receipt for and the other Swedish medal.

Your obliged friend.
Geo: Hamilt Gordon

Chicago, 17th April, 1870.

Lieut. Col. Hill,
Asst. Adjt. Genl. Illinois.
Springfield.

My dear Sir

I send herewith the tracings for the flag. If you have not found it convenient to get a good and stiff bunting, this time, may I be kindly, as I can perhaps get an order for it. Please send the flag with the tracings, and Captain Lee will be here before the night.

Yours truly
Benj. Smith Lyman.

Kharat, 18th April 1870.

Capt. P. Lambert, R.E.
Rawul Pindee.

My dear Sir:

The camel man who takes this has received from me twenty two rupees as the enclosed receipt shows. He owns three of the camels that have been with me and has at present charge of all four of them. The owner of the other left me it seems about a week after we left Pindee and never came back. He had received one rupee which this man also receipts for making twenty three rupees in all that have been paid to the two. Please pay the remainder that is due them out of the money you have in your hands, and oblige

Yours very truly,

Benj. Smith Lyman

I am just setting out for Dublan this morning.

Capt. J. Clements R.E.
Barrackpore.

My dear Colonel:

I received your note while still on the Barrackpore road, so I ~~thought that perhaps~~ as it contained nothing other. We were there after breakfast ~~that~~ I saw the ~~[illegible]~~ and then [illegible] of all your officers [illegible] [illegible] [illegible]

Camp Della, near Berlin; 19th April 1870.

To the Officer in charge of the Commissariat
at Camp Gillfoor.

Sir:

Having received seven mules for the transportation of my camp I beg that they may be placed at my disposal from there in the stable of the Commissariat, if there are any such to spare. Please send word also what their wages will be, and whether I am entitled to the services of the muleteers in any way on days when we are not marching.

Very respectfully yours.

Benj: [illegible].
Mining Engineer,
Della Works Expedition of Africa.

[Not delivered at Pro Snch of Commissariat
exists at Camp Gillfoor, just now]

Camp Dalla, near Bartor; 1st Apr 1870.

To the Postmaster
at Rawul Pindee

Sir:
Please forward any letters or papers for me to Kooshalgurh on the Indus, if there be a post office there; otherwise to Kohat; and oblige
Yours very respectfully,
Benj. Smith Lyman.

Camp Dalla, near Bartor; 1st April 1870.

A. B. Wynne Esq.
Rawul Pindee.

My dear Sir:
I have to thank you very much for your letter of the twenty fifth of last month, which came to hand about three weeks ago, and for the information about the Jaba plane. I have been putting off this answer in hopes of having something definite to say about my future movements. I am kept at [illegible] much longer than I expected, waiting for the boring tools and [illegible] ...

Point Pelham, 22 April, 1870.

Mr. H. R. Gill
Pensf. Subpoena Maine

My dear Sir:

The letter you forwarded to the Camp from Capt. Lambert came to hand last night. I am very sorry not to have seen you, with it seems a small thousand people were present being and the immense number of you are getting; for you must know I feel great interest in the matter. Please drop me a line by mail to Hobart, and have any letters or papers forwarded to me there, and oblige

Yours very truly,
Benj. Smith Lyman.

I enclose a letter for Capt. Lambert, and respectfully, the forwarded by you. B.S.L.

Pind Dadnee; 22 April, 1870.

Capt. P. Lambert, R. E.
Rawul Pindi.

My dear Sir

Your favor of the eighteenth reached me only last night. I return herewith the two duplicate acquittance rolls perfectly signed, as well as the old receipts, as you wished. The Nawab Khoda Baksh's name is not Beangun Aath, but Jagunnath or Jaggunnath in English, Jagennāth in Romanchdian character; and the other one is not Buchchee but Bachchoo in English, or Bachchē in Romanchdian character.

I spent two days at Bella and am now on my way to the river near Kooshalgarh, and the one that I understand is with me at Kohat. There will perhaps hardly be time after you get this to address me at Kohat, but a letter would probably reach me at Kohat, if you have occasion to write.

I did not [illegible] transfer the Dy. Co's three rupees from your account to mine; it was little enough for me to pay for the use of the mare. As you had not used her yourself, but had merely kept her for me to use as it turned out, it was only fair that I should pay at least for the keep.

Yours very Truly.

Benj: Smith Lyman.

On handing back the camel man I paid him I think too much that you had money enough of mine in your hands to pay towards. If so, I will [illegible]

Camp Waitch Khan, near Kohlhapur,
25th April 1870.

To the Commissioner
at Kohlapur.

Sir:

Please send me by the Surveyor's any Sets or papers that may be in his office forms. Any that may come hereafter please forward to Kohlapur. [illegible] as the number [illegible] Please send me [illegible]

[illegible]

Yours very [illegible]

Camp Sheikh Khan, near Kordhailgurh;
25 April, 1870.

To the Deputy Commissioner
at Kohat.

Sir:

Having come into your district to look at its oil springs for the Government I take the liberty of begging you to drop me a line by the bearer of this and say whether you know of any other such springs in the district besides the one near this place. I have seen mention of oil springs "at a place called Sheikh, a few miles east of Kohat", but somehow from all I can learn that seems not to be the place meant and not the one of like name three or four miles this side of Kohat.

By doing me the favor I have asked you will greatly oblige

Your very respectfully,

Thos. Medlicott,
Mining Engineer, of the
Geological Survey Department of India.

Camp Shaikh Khan,
near Koorhailgunj,
Kohat District,
28th April 1870

Dr. F. Stoliczka,
Calcutta.

My dear Sir:

Many thanks for the trouble you have so kindly taken in getting me elected member of the Asiatic Society. Your official notice of the election only reached me last night, although the boxing rules came to hand two days or more ago. As I have just now no money on deposit in Calcutta it will not be convenient in Camp for a few days to come to send the necessary remittance; but I shall do so very soon, as I have money in the Punjab Bank. I may come near some post office where I can get a money order.

I have now looked at the oil springs and petroleum, and did not therefore find it worth the half days journey I have had to spend in that place. They have begun boring at Kundal, the most promising place yet found, near Khattikhan; but there is little prospect of success, and very little oil has been found yet. It is the same place that Mr. Theobald spoke about.

I shall write to you as hospitably in some slight manner. In the meantime I am

[illegible]

Camp Shaikh Khan, near Kotkalpur, Punjab,
25 April, 1870.

Capt. Robert Maclagan R.E.
Secy. to G.
Lahore.

My dear Sir &c.

The form of the well list of this month only came to hand last night and was gratefully received both on account of the interest it showed in the progress of the works and because it points out one or two matters on which you will especially for information.

The oil bearing bed at Kundala is "near the surface" to be sure at this rate such bed dips steeply, so that it some reaches a great depth. It can therefore be tested as to the oil yielding power not only near the surface, as by the present wells and borings; or it can be tried upon but any greater depth. Its yield, however, near the surface does not give much encouragement to very deep borings. — You ask about the probability of finding other oil bearing beds at a greater depth by boring at the present place; or the advantage at least of getting in that way a knowledge of the beds below. A much better knowledge of the beds for three hundred feet or more below as well as for two hundred feet above the present wells has been got by this survey in examining their extensive outcrops in the neighbourhood of the wells and it can be stated positively that there is not the slightest probability of finding another oil bearing bed beneath the present one. Possibly there certainly may be; but there would be quite as great probability of finding a good oil bed at Kuwal Pindi itself by boring. There is also not the slightest evidence of the existence of any such hollows or cavities as you speak of in which the oil may have drained. It is possible that some such cavities (of no great size probably) may exist within the oil deposit of the bed now worked; but it is not possible that any such cavities could be found filled with oil at any great distance from the oil bearing bed. Especially below that bed, the water in the ground would force the oil upward rather. — The circumstances under which petroleum has been found in other countries, although now pretty well understood in the main essential points, and in many respects alike the world over, are as you say varied; and although the American

oil deposits throw much light on those of the Punjab, these throw little more on each other. So far as yet visited they all seem in many respects round white, and all to be of very small extent. Some of the smaller ones can be seen at one glance throughout their whole extent, a mere spot of oily rock a yard or two in length and less in width and depth. The largest seem to reach only a few feet below the surface. They are exposed of course only at the surface, and perhaps owing to the very fact of being near the surface the oil has become so thick and viscid that it flows freely only in hot weather. If such a deposit could be struck at a good depth below the surface, say twenty, fifty or hundred feet or more we could see whether the oil would not be more fluid and less subject to the changes from cold to warm. No doubt it would be. But to bore for such a deposit that was unexposed on the surface would be worse than firing a bullet at a needle hid in a hay stack. Some of the larger deposits, like that at Q under, may perhaps be found by successive borings "to the dip" and so be tested at some depth from the surface; but the deposits are so narrow in limits that the chance is always great that each successive boring will fall quite outside it. The expense of each boring at Q under is an obstacle liable to be a serious one. Even the return at Q under when the borings get to be deep, if small daily yield would perhaps pay for a short boring; and no greater yield can be expected on with any probability. — Mr. P. Hill in charge of the boring at Q under writes to me under date of the 6th June: "I am sorry to inform you that no increase of any importance has taken place; at seventeen feet deep we got daily about four gallons and daily from the bore and not very little from the bottom of the well." After the 6th June the well was cleared out; it was that fine flat beef and a little earth had fallen into it; I had been misinformed as to its being filled up to a depth of eighteen feet. I went down into it and found some gas and apparently oil oozing from the bottom; the smell showed that the oil bed had never been dry quite through. So the boring from the tools commenced was begun in the bottom of the well. At more than seventy feet they struck a little oil which gave good encouragement; but the present yield as above reported seems to be about the same as that of the well alone before the boring. They have not yet got through the same oil bearing bed, it seems, and they may yield still more oil, but I do not anticipate a great yield. — I still think the bituminous earth already taken off and the smaller like deposits, the best material for the Tender gas works. — If you have perhaps already seen a copy of the rough draft of my report and report for Q under which I sent to the Lieut. Governor of Punjab, you will obtain the gist of many more details than in this letter. — I have just received the coal oil yielding in the Kohat District, they have sent it to place, and I shall transmit it to you by the following. I think I shall go by boat from Kohat down the Indus and then up the Jhelum to Rawul Pindee; there, if possible, by the aid of the Kohat Kahar and the Jhelum people to get a boat to go out by land and bring it to the place where the boring is. Perhaps the Kahar people in charge of the boring may be able to make a boat to do the carriage for us. I am afraid the small bags by the boring or dug wells may be unfitted for the boring tools. Yours very truly, Henry Mallet, Director.

Camp Kaitak Khan, near Kohat,
Kohat District,
28th April 1870.

A. R. Wynne Esq.
Geological Survey of India.

My dear Sir:

Will you be so kind as to keep some lines at Kalabagh and give me a bird's eye view of things you may happen there again. I will also leave there: Alfred Lawrence Jatta near Kalabagh, Khudder near Khatakki, Nursing Jatta near Nowshera. Also please tell me some of the places where coal or lignite is to be seen in the Salt Range, especially in the eastern part of it. – I set out tomorrow for Esakail & at the Alfred Bridge [illegible] day, and mean to go down Kohat [illegible] by boat. – The oil springs near this place seem to yield about three quarts a day; and they seem to be almost the only ones in the District. – Then they are yielding about four gallons and a half an hour at Mulder, only about the yield [illegible] well alone before the bore was begun. They had bored about nineteen feet.

Yours very truly,
Benj. Smith Lyon.

Camp Kaitak Khan, near Kohat Gorge,
Kohat District,
28 April 1870.

Mr. A. R. Watt
Geol. Department Calcutta,
Calcutta:

My dear Sir:

Your favor of the twenty-third came to hand last evening and was most welcome. I am sorry to learn that the spring is yielding so much, for the well alone yielded about as much as both wells and bore now. Well, it is possible you may get more before getting through the rock.

I think you would better go fairly through the rock and a good distance beyond, say twenty feet or so, before giving up this hole. After that begin another 50 or thirty feet north and west of the present hole.

I set out tomorrow for Esakail, and mean to go by boat from Kohat Gorge. After a few days in that region I shall go to Jatta near Kalabagh, and shall be there a few days. If you can please drop me a line at Esakail right along and then a few days later at Kalabagh.

You have been very kind to pay the postage on my letters and I enclose four stamps if from Kohat in return, hoping to be able to do as much for you some day. [illegible] me.

Camp Kafir Kot; 3 May, 1870.

To the Post Master
at Esa Khel.

Sir: Please hand to the Babu who brings this, any letters or papers you may have for me, and oblige

Yours respectfully
Benj: Smith Lyman.

Camp Kafir Kot; 3 May, 1870.

To the Deputy Commissioner
at Esa Khel.

Sir:

I have need of dip moulds for the transportation of my camp. Will you be so kind as to put the Babu who bears this in the way of getting them either at the Commissariat, if there be one, or elsewhere? By doing so you will very greatly oblige

Yours respectfully
Benj: Smith Lyman.
Mining Engineer
[illegible] to the Deputy Commissioner

P.S. I am obliged to trouble you with the 2d copy of this letter, the other having been left in the pouch or in your [illegible] box, as we were [illegible] in the Afghan Campaign! 1880

Camp Kafir Kot, near Esa Khel, 3 May, 1870.

Dear [illegible],

Your paper of the third of March came to hand yesterday, a week before I had received a few lines from you answer that of the 27th of January and of the eighteenth of February also came to hand over two weeks ago. In the meantime that paper has been taken up that which said I should be [illegible] to-day or to-morrow to reach me. They may [illegible] on the road, although I do not know of any [illegible]. This arrangement for [illegible] mail is rather uncertain and I cannot [illegible] when a letter may reach you. I am [illegible] letters from being written. I have [illegible] time [illegible] to give [illegible] writing, but [illegible] to prevent; but [illegible] I was so fatigued with the last few days work that I felt [illegible] all good work in the writing. Long before yesterday, Monday, I was [illegible] down the Indus in a [illegible] from [illegible], a [illegible] above this to this place. I am encamped on the [illegible], beside the ruins of a fort of unknown antiquity and [illegible] on the top of a mountain overlooking the river. [illegible] after that [illegible] the [illegible] I [illegible] hearing [illegible] from Bunder about many [illegible] and visits of politeness. After [illegible] found Camels so slow in travelling and with their large [illegible] [illegible] stopping places we have to follow in the [illegible] [illegible] and both instead of the four camels [illegible] [illegible] men I had to four, each one with its [illegible]. So my number for [illegible] was increased to eighteen in all. Still we did not [illegible] to [illegible] very long days [illegible] twenty miles [illegible] at a time. [illegible] were weak and the road very [illegible] picturesque, but I think we moved several days [illegible] the [illegible] [illegible]. After going to two or three places west of Bunder I crossed the Indus at Kotkai [illegible] and visited a place [illegible] [illegible] that village and about thirty miles west of Kohat. This old village was within half a degree miles of the frontier of British [illegible], and the region across the mountains to the west is inhabited by a barbarous race, [illegible] the Government of India nor of Afghanistan. I was encamped at the nearest village to Esa Khel, where was the nearest [illegible] [illegible], and had been there only from Saturday night to Monday [illegible] before, or moved [illegible] made his appearance and said he had [illegible] from a [illegible] in a neighboring village to guard me

They have a standing order to do whenever any European comes into the region, it is so difficult travels from the other side of the border. The people are called robbers still and are said to consider it a religious duty to kill all who do not believe in their own mahomedan creed. They were represented by the natives of Dekkhan to be quite lawless and unrighteous among themselves, saying that they are in a state of anarchy, and have no acknowledged government. They carry often with this pile, and while at the hill spring with the Sepoy two of them were along the belong said he had orders always to arrest them on this side of Khyber had arrows with them, and he said they were robbers. But they were not much looking people, and I have seen much worse who were not called robbers. We met them often carrying all in large parcels with swords along the bags. Some came down mines a few days journey off. Some of these mountain tribes wild looking fellows. The people of the region [illegible] of this to Peshawar, are called Pathans, the [illegible] Jeffreys as the ancient Parthians, and talk a language of their own called by them Pushto, and not quite intelligible even to [illegible] Persian, although [illegible] and [illegible] the Punjabi seems to be the [illegible]. Having an interpreter was [illegible] hindered me from learning much [illegible] a good deal, but I am so tired in the morning that I scarcely feel able to study. Still I understand as much [illegible] the more important remarks only, and often ask the long [illegible] the other [illegible] as well as [illegible] others. I spend the rest of the morning in conversation with the other seaboard and [illegible] and Mr. Barbour has gone with them while I ride on some [illegible] time [illegible] you [illegible] and [illegible] a fair specimen of the [illegible] work [illegible] very well. His parents were [illegible] so that he is a true Christian and wears a jacket and trousers, and eats beef and [illegible] the brahmins and people [illegible] Muhammadan religious beliefs or rather the superstitions that are all [illegible] by that religion are very likely no better than those of the hindoos and [illegible] he really seems [illegible] principle, which [illegible] is twenty-five years old, is married and has three children. The higher castes of the hindoos are so numerous and attend as [illegible] Pressing [illegible] and brahmins and [illegible] could not [illegible] food in the [illegible] which [illegible] so they would be [illegible] some of the others. Rubbish of the superstitious [illegible], such as, Sunday keeping, [illegible] about [illegible] I hope [illegible] some [illegible] time I [illegible] many [illegible], while I [illegible] about the [illegible] Southampton. The [illegible] is [illegible] very hot, and after a couple of days [illegible] we [illegible] the [illegible] of mountains [illegible] which [illegible] to see. [illegible] hope to find [illegible] in higher ground [illegible] feet above the sea. [illegible] is only 70 [illegible] stones and [illegible] cloth [illegible] and [illegible] is quite flat. These oil springs are not [illegible] [illegible] have been known for [illegible] years. Indeed Pliny speaks of such springs [illegible] and such

Camp Ulgend Ravine; 5 May, 1870
(near Sinkat)

Capt. Lambert R.E.
Kassala Pioneer.

My dear Sir:

Please send me as soon as possible a Cheque or some other Order payable either at Mari near Kalibeg or at Kalibeg or at Gallabat or at Tokrouri, and to the amount of one hundred and fifty dollars. I care not which order in which they are payable; but if you think you can send only an order payable within three days and perhaps only at Tokrouri. After tomorrow I shall be with my money in some way through the Bazaars on a letter of credit from the Khartoum Chief bank. If you could find out about that you would very greatly oblige me. I am running very short of money and owing to the complicated opacity even of post offices, fear being so delayed in the journey on account of the lack of money. I arrived here yesterday (having come down the Atbara in a boat) and hope to leave tomorrow for Kalibeg, and after that by a circuitous route through the Gallabat range. Please address me there at Mari near Kalibeg (where the post office is). I enclose a draft on the bank for Rs. 50 in case you may not receive yours. You may depend the balance you may pay in the bank as usual of your pleasure. Please send at the very earliest moment practicable, and oblige

Yours very truly
Benj: Scott Lyman.

Camp Abgad Ravine, near Esa Khel, Kohat District.
6 May, 1870.

My dear Mr. [illegible]

[illegible] at last have found the third of Exchange for £[illegible] Sterling, which I sent you the first and second enclosures of that date, [illegible] February. I have been so much occupied ever since that I have not found a good chance to write as I have constantly been meaning to. Your very welcome letter of [illegible] of January came to hand with the Lost-Pollards, and should have been answered long since; but the occupations and fatigues of this work and camp life and marching have been too much for regularity in correspondence. In fighting hours, I mean [illegible] hours or less every day, when not marching, for letter writing and the doing of accounts. In my anxiety to have the survey [illegible] pretty rapidly I have been working better more hours and days than I believe the Deodars will [illegible] in this country, or indeed [illegible] perhaps in any climate at this work. My plan has been [illegible] out in the field [illegible] morning from day half past six [illegible] till noon (often later) [illegible] to bath and breakfast [illegible] and at night only some bread and milk; then [illegible] and Medicine dictating until day three; and then do office work until half past six or seven. But was I meant to be field work only from dawn or breakfast until eleven or half past; then, after bath and breakfast to and until two or half past, then [illegible] until four for letter writing, and after that until half past six for office work. There are very many interruptions and [illegible] however, [illegible] and especially on the numerous marching days it is impossible to [illegible] anything of the kind. The oil places are all quite separate from each other in the range, sometimes miles apart, so that each has to be established by itself. The survey I do is to make a rough survey of the [illegible] with a very rough, quick [illegible] a mere bird's eye [illegible] geographical and topographical map, with sections, all covering a space [illegible] half a [illegible] with the oil spring in the middle. All these deposits are very [illegible] from a few feet to a few score yards in extent at most, and [illegible] the oil bearing bed [illegible] is often seen the [illegible]. The dips are generally steep, [illegible] Some of the oil springs seem to come [illegible] though most often seem to be in the [illegible]. The one at this place is larger than any, I am yet

deem and is spread over several hundred yards; perhaps under cover
extends still further off. It is called Tel in this place. Oozes out from bitu-
ous efflo in a thick vein of some fifty feet in thickness, also from similar
in a very connected bed of pebbles nearly as thick above it. The dip
comparatively gentle, only 25°. This is most promising place for boring for oil
dip that I have yet met with. But they have begun boring at a place about
Dundan, 27 miles west of Kohat Cinder, the town for whose gas works they were
working the oil presently. They dug down 35 ft. deep in Eocene and got a yield of
some five or six gallons a day, the greatest yield by far of any place in the
Punjab; and they had made up their minds that it was not worth
keeping for wondering from a very deep boring. The dip is 60°; oil
from the bitumen appeared well and I recommended boring there until the whole
oil bearing bed (20 feet thick) should be passed through; then to bore if any
where to the dip was to bore the hole about a hundred feet deep; and if still
encouraged by good yield to go still further with the dip for a deeper hole; but
I did not advise a great distance from the boring. After boring seven feet they had
a little oil; but at seventeen feet, the last account, they had found no
more work [illegible] and about five gallons from the bore and well
[illegible]. The boring is in charge of a European Sergeant of Sappers and
Miners, some [illegible] and some Sepoys and coolies help them.
Of course it would be impracticable even if desirable for me to superin-
tend in person the boring at all the places in the Punjab, in Beamund
in Burma within two years; the only plan is to give maps and reports
that will show where the borings would best be made at any future time
when they may be wished for. For the less important places I give also
two kinds of field and office work and for the more important
three or four, and I have kept all records being a month in advance from
the boring [illegible] and Sergeant; the first discovery was the most useful as it
decided to be, no much importance had been attached to it. The rocks
are very much disturbed, [illegible] up in bands as shown
in some pictures. Only rough mapping can be done in the field, and the
finishing off the maps and writing of reports from our [illegible] drafts will
have to be done later, the season when according to field work
work will be impossible account of the heat and the rains. I hope
now to finish the field work in about [illegible] months, and that will be better
than European generally stay in the field, and the rains will be beginning.
But I have to be at Calcutta writing for orders and [illegible]
of Round Pindan writing for tents; besides the fortnight or more writing
hundreds for the boxes. The [illegible] takes up a good deal of time. I [illegible]

Camels for needs as I alter through mountain roads and quicker; and
[illegible] twenty miles in a day [illegible] good roads [illegible]
[illegible] to come down the Indus in a boat a
[illegible] I find it impossible to get
camels again and must leave camels. But [illegible] days I would
be in the plain and [illegible] camels. I go down here [illegible]
[illegible] to the [illegible] range near the Indus and [illegible]
[illegible] through [illegible] range for eight or fifteen miles. I have been to
[illegible] [illegible] to go to [illegible]
[illegible] reports of the
[illegible], and I hope that my [illegible] will be [illegible]
[illegible] I [illegible] be able to furnish you with [illegible] as well as
[illegible] I have had no intimation yet as to the
[illegible] office work
[illegible] and the
[illegible] already.

I [illegible] hope. I [illegible] and
[illegible] to [illegible] before [illegible] and [illegible]
[illegible] not [illegible] earlier place yet [illegible]
[illegible] in the [illegible] Commissioner [illegible]
[illegible] for [illegible]
[illegible] for a
[illegible] I believe [illegible] for this but
[illegible] I [illegible] of [illegible]
[illegible] Olive [illegible] Mr. [illegible]
[illegible] and [illegible] will find [illegible]
for [illegible] different [illegible] made [illegible] of the [illegible] water [illegible]
flow. The [illegible] are in [illegible] of the [illegible] to [illegible]
[illegible] Mr. [illegible] but Mr. [illegible] trouble. [illegible]
Koenig would do it for nothing; but I do [illegible] the [illegible]
[illegible] would be necessary in [illegible] to [illegible]
[illegible] the [illegible] and I seem to [illegible] going away every day [illegible]

I [illegible] much time to study Hindustani since my
camp life began. Since [illegible] [illegible]

[illegible] good Hindustani [illegible]

[illegible]

[illegible] Pani [illegible] water; roti instead of [illegible] means bread; [illegible] [illegible] means [illegible] or [illegible]. But [illegible] [illegible] means an assembly or meeting and [illegible] [illegible] means associates, which seems to [illegible] very well with some [illegible] [illegible] means five, [illegible] [illegible] kind of the associates of the magistrate on Sunday [illegible] read [illegible] just as you are leaving [illegible] for the [illegible], if the paper does not keep you [illegible].

[illegible] give my best [illegible] to [illegible] and Mary and Mary and tell her that [illegible] in [illegible] for her letter [illegible]

Camp Juba, near Marce, 13th May 78.

A. B. Wynne Esq.
Geological Survey of India.

My dear Sir:

If you have not already received my letter asking for a list of oil springs in the Salt Range, and some good place where the brown coal in the Cutch mines get, please address your reply to Marce. It seems that a letter from Colonel Keyes prompted me to write to you, but I have not received it. I have been very busy and worked hard for some weeks, and cannot get back here for three or four days yet.

From what the rough draft of my Bunder report is like, I should say he doubtless meant the mistake of calling certain rocks bituminous. It was a little foolish in me to let a mere rough draft go out of my hands so hastily.

I have never before me only two or three weeks more of work here in the Salt Range, and am looking forward with much pleasure to meeting you at Kandar. I shall be very glad to talk over with you the geology of this region. It seems to me that Dr. Fleming must have made some serious mistake about it; but I have perhaps seen little of it. Very truly yours. Henry Smith Lapham.

Camp Kalabagh, 16th May 78.

Capt. R. P. Pilcher
Dept. S. W. M.

My dear Sir:

I have heard nothing from you since the 6th instant, but in letters from you, Colonel Keyes, the postmaster at Kalabagh, three days ago, it seems, and I suppose you forthwith sent it off to Bunnoo, so that I cannot get it back for the coming days. Please write me what your prospects will be here; and address me at Khushpur, if you can write very soon.

In the rough draft of my Bunder report please scratch out the word "bituminous" in the passage first headed "Rock Beds." When you get this off with boring at Bunder please send me this rough draft as I do not wish it to remain out of my hands. Also please do not copy it or show it to anybody.

I have never before me only two or three weeks more of work here in the Salt Range; but many of the oil springs that I have not heard of before.

Very truly yours.
Henry Smith Lapham.

Camp Jaba, near Kaee; 10. May 80.

To the Postmaster
at Rawul Pindee.

Sir:

Please forward anything for me to Peshawur, and oblige

Yours respectfully,
Benj. Smith Lyman.

Camp Jackson, near Maxwell:
12 May, 1870.

A. B. Wynne Esq.
Geological Survey, Washington

My dear Sir:

The messenger who carried yesterday my letter to Mr Wynne left the day before at the Maxwell Post Office, brought back your long welcome letter of April 15th. I was very much pleased to hear such a history again of coal places in Nebraska, and especially to be not knowing of any more oil springs besides those first mentioned. Even in Connecticut the need of searching of some new thing is felt. We are still larger in the hot weather though you see I write these epistles over.

Your coal operations & talk brace about your thermometer at 64° at Maxwell. Here we think it quite cool at 100° or 99° in the tent with a breeze. I am astonished when I remember that less than a year ago 96° for two or three days in Nebraska seemed to me great heat.

Yours very truly,
Benj: Smith Lyman.

I am encamped in a charmingly airy place on the hill top near the oil spring.

about the Christian era to mark the spot where Buddha in compassion gave his own flesh to satisfy the hunger of a starving tiger, stands a little outside the square, fifteen miles south east of Rawul Pindee.

The River Indus enters the square about the middle of the northern edge, and leaves it at the southwest corner. The Jhelum River (the "fast rolling Hydaspes" of the ancients), one of the five rivers that give its name to the Punjab, flows across the southeast corner past Pind Dadun Khan southwesterly towards the Indus. The centre of the region is drained by the Sohan, which rises near Rawul Pindee, and flows west southwest to the Indus.

The region lies then mostly between the Indus and Jhelum, in what is called the Sind Sagur Doab (Two Rivers); and it is mainly in the mountainous or hilly part (Kohistan) of the Doab.

II. General Lay of the Land. — The wide flat plain of the lower Indus skirts the southern edge of the region; but the rest (within the Doab) is filled by a somewhat uneven table land, about 750 feet higher than the plain, with the Salt Range on the south in a very open vee pointing southwestward, and long arms

[illegible], near Kalabagh. [illegible] May [illegible]

A. B. Wynne Esq.
Geol. [illegible]

My dear Sir:

[illegible] the letter [illegible] forwarded [illegible] very interesting [illegible] [illegible] [illegible] did not [illegible]

In stating [illegible] in the [illegible] [illegible] had no idea [illegible] of [illegible] [illegible] of those formations [illegible]

[illegible]

[illegible] to confirm the statement. [illegible]

[illegible] small [illegible] or [illegible] [illegible] in the [illegible] [illegible] [illegible] I thought [illegible]

[illegible] I did not [illegible] the [illegible] [illegible] miles [illegible] I wrote you [illegible] [illegible] further [illegible] miles [illegible]. I found the [illegible] and found no fossils in it; [illegible]

[illegible] further than [illegible]. On the north side of the mountain (I did [illegible]
[illegible] the limestone seems to rest upon sandstones like those of [illegible]
[illegible] Springs, at Panola, a dozen miles north of [illegible] which are in limestone [illegible]
very [illegible] like the same, and [illegible] a mountain that is perhaps a continuation
of the same mountain as that of [illegible]; and the limestone rests upon [illegible]
[illegible] and [illegible] [illegible] upon [illegible] that [illegible]; [illegible] the high
rocks at [illegible]; [illegible] I did not find any [illegible] in it; [illegible]
[illegible]. In the limestone [illegible], at [illegible] [illegible] springs I found [illegible]
[illegible] quite abundant in some [illegible], [illegible] others. That limestone [illegible]
looks very much like the limestone here; and by [illegible]
[illegible] [illegible] handling [illegible] [illegible] to be the same. I find
very near to the [illegible] springs [illegible] a bed of [illegible] building [illegible] a little above the [illegible]
[illegible] in the [illegible] [illegible] of [illegible]. That [illegible]
[illegible] [illegible] [illegible] and [illegible] them [illegible]
[illegible] [illegible], though [illegible] seem to be [illegible]
[illegible] I have found [illegible]
[illegible] the springs [illegible] half a mile [illegible]
[illegible] [illegible] many [illegible] [illegible]. I have
[illegible] yet [illegible] the field [illegible]
[illegible] [illegible]. I cannot [illegible] that it should be necessary
[illegible] [illegible] this time. [illegible]
[illegible] field [illegible] for [illegible]
[illegible] [illegible]
[illegible] but I cannot [illegible] in this [illegible]
[illegible] order. The [illegible] [illegible]
[illegible] in the afternoon and [illegible] a hundred [illegible] in the [illegible]
[illegible] in the afternoon. I have had no intimation as to
[illegible] after [illegible] the [illegible] [illegible]
[illegible] [illegible] [illegible] or [illegible] [illegible]
[illegible] [illegible] will [illegible]
[illegible] and then I should have the [illegible] pleasure
of [illegible] you.

[illegible] very [illegible],

[illegible]

Address: [illegible] post office

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Camp Jabapur near Kalabagh, Punjab,
15 May, 1870.

Miss E. D. Lyman,
226 South 3rd St.
Philadelphia.

My dear Mother:

I have long been meaning to drop a line to you and Mr. Chandler [illegible] I am not sure that I promised to do so [illegible] I am with [illegible] a strong tendency to [illegible] on the [illegible] and [illegible] on land and the [illegible] of wild [illegible] have made me [illegible] [illegible] I have [illegible] over a rough road [illegible] [illegible] and in fear [illegible] [illegible] [illegible] in the [illegible] Street [illegible] [illegible] in [illegible] I will say that the [illegible] [illegible] [illegible] [illegible] has been [illegible] [illegible] eleven the morning. [illegible] I should have expected, for last [illegible] [illegible] is a good deal [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] above [illegible] [illegible] the [illegible] table, the bed pillows, and [illegible] [illegible] a [illegible] [illegible]. You [illegible] feel [illegible] [illegible] [illegible] [illegible] [illegible]

Removing your anxiety [illegible] I will tell you about [illegible]
I have had [illegible] with the aristocracy and [illegible] society. A week after my arrival
in Calcutta I dined at [illegible] [illegible]. He is not an aristocrat, at least he
talks very radical; but he is the Secretary to the Government of India in the
Public Works Department and is also a member of the legislative council. His
brother John [illegible] [illegible] is now a member of that Council and of the [illegible]
Council. They are [illegible] [illegible] Calcutta pair of brothers; and Col. [illegible]
has figured in India for more than twenty years, and I have seen
[illegible] [illegible] papers of his dated there as far as 1848, for he
is at least one [illegible] [illegible] [illegible]. He and his brother [illegible] [illegible] [illegible]
[illegible] [illegible] beginning and is [illegible] by some newspapers
of being very ambitious [illegible] very cordially kind and seemingly [illegible]
[illegible] [illegible] [illegible] [illegible] as possible. He as well
[illegible] [illegible] [illegible] [illegible] [illegible], but neither was present at the
[illegible] his brother [illegible] I believe a wife, but neither was present at the
[illegible] [illegible] dinner, [illegible] was I think at [illegible]. But a Mrs.
[illegible], perhaps a [illegible] or [illegible] relation, sat at the head of the table,
[illegible] [illegible] were two other ladies, [illegible] besides three or four gentle-
men [illegible] the [illegible], all dressed [illegible]. Mrs. [illegible]
[illegible] [illegible] [illegible] opinion of America and Ameri-
[illegible] [illegible] [illegible] [illegible] and at least one other gentleman [illegible]
away on [illegible] Col. [illegible] and at least one other gentleman [illegible] Col.
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] did not [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] the [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] by Italian airs after
[illegible] [illegible] [illegible] [illegible] [illegible] drawing room. Col. [illegible]
[illegible] had gone from the dining room [illegible] [illegible] [illegible] there in
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a little while after
[illegible] [illegible] Another gentleman there, [illegible] [illegible] also a member
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] legislative Council
of one of the Councils or other. [illegible] [illegible]
[illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Col. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] dinner at eight, and the [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in business, [illegible]
[illegible], [illegible] the next morning on seeing Col. [illegible] in business, [illegible]
me, that the Governor General (or Viceroy, as they call him [illegible] [illegible]
[illegible] [illegible] [illegible] his [illegible] had expressed a desire to see me before I
[illegible] [illegible] and the next Wednesday afternoon [illegible] [illegible] [illegible]
I left Col. [illegible] [illegible] Government House [illegible] [illegible] [illegible] [illegible]
[illegible]. [illegible] [illegible] [illegible]

[illegible], [illegible] 17[illegible].

[illegible] [illegible] Esqr.
at Phila.

Dear Sir,

[illegible] your [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] you will write
me [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible], enclosing [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible], if you think [illegible] [illegible] [illegible]
possible! If necessary [illegible] [illegible] [illegible]
[illegible] [illegible] one hundred copies; otherwise
[illegible] [illegible] [illegible] [illegible] [illegible] hundred
and fifty copies.

[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]. [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible].

Yours [illegible] [illegible]

Benj. Smith Seymour.

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[illegible] the Rabbits is my interpreter [illegible] very honest and faithful man, but extremely [illegible] fast. The [illegible] will [illegible] Gopal, my left hand man, has [illegible] education but more [illegible] and makes the [illegible] when he [illegible] [illegible] found out lately the secret of the late arrivals at the [illegible] [illegible] stay with them [illegible] they are actually [illegible] after [illegible] they are [illegible] half [illegible] on, for the [illegible] and [illegible] still but [illegible] their [illegible] also [illegible] still loaded, and [illegible] [illegible] road and [illegible]. Still they plod along very slowly, two miles [illegible] [illegible] their [illegible], but I believe they have [illegible] it to [illegible] half [illegible] horse carries one [illegible] and I have [illegible] wait for them, [illegible] behind behind [illegible] do a little fieldwork in surveying, or have [illegible] some rest of place. The [illegible] [illegible] bullock [illegible] at times and [illegible] every [illegible] or forty miles through the country for the [illegible] [illegible] travelling [illegible] and [illegible] are called the Bungalows, [illegible] [illegible] low [illegible] [illegible] will [illegible] [illegible]. [illegible] [illegible] is a [illegible] [illegible], and often a cook besides. The cook will [illegible] [illegible] [illegible] bring [illegible] or [illegible] [illegible] he can. [illegible] the [illegible] is also supplied with certain [illegible], such as [illegible] [illegible] [illegible]

Jaba; 26th May, 1870.

To the Postmaster
at Ranwal Pindee

Sir:

Please keep in your office any letter
that you may have for me, until I
call, or I shall send or receive at Pindee
for days; and oblige

Yours very respectfully
[illegible]

Jaba; [illegible]

To the Postmaster
at Rawalpindee.

Sir:

Please forward anything for me to
Rawal Pindee, and oblige

Yours respectfully
[illegible]
Lieut. Engineers
Public Works Department
of India

Rawul Pindee; 29 May, 1870.

Col. [illegible] Lt. Col. [illegible] &c.

[illegible] Government [illegible]

Murree.

My dear Sir:

I have returned rather suddenly to [illegible] on account [illegible] a failure to receive from Captain Lambert remittances that I had [illegible] for and [illegible] stock of money. I managed to finish the survey [illegible] but [illegible] will [illegible] you will have to [illegible] [illegible] for the [illegible] and [illegible] [illegible] [illegible] would [illegible] much [illegible] [illegible] However I go [illegible] again. [illegible] [illegible] the best place [illegible] [illegible] [illegible] [illegible] [illegible] to make the survey

I [illegible] going from here [illegible] day morning to the [illegible] place near [illegible] [illegible] [illegible] [illegible] day will go on to [illegible] [illegible] and reserve [illegible] I would [illegible] [illegible] [illegible] very [illegible] [illegible], some [illegible] weeks or two [illegible]

I [illegible] [illegible] [illegible] the Governor General after going [illegible] [illegible] to [illegible] [illegible]. If he [illegible] [illegible] with, I could go [illegible] to [illegible] and make my [illegible] [illegible] time [illegible] [illegible] [illegible]

I remain,

My dear Sir,

Very truly yours.

Benj: Smith Lyman.

Rawul Pindee; 30 May, 1870.

Bachchu Khalasi has served me for three months and is now discharged because I no longer need a Khalasi. It gives me pleasure to recommend him as well acquainted with boat pitching and a quiet, faithful servant.

Benj: Smith Lyman.

Rawul Pindee; 30 May, 1870.

Salag Mihtar has been serving me for about three months, and is now discharged because I no longer needing a [illegible]. It gives me pleasure to recommend him as a very faithful, attentive servant, quiet and making no trouble.

Benj: Smith Lyman.

Rawul Pindee; 30 May, 1870.

Gangu Dhobi has served me for three months and I can recommend him as a good washer and ironer.

Benj: Smith Lyman

Letter for Commissariat

Canal Office, 28th May 1870.

Capt. Lambert R.E.
Exec. Engineer.

My dear Sir:

Upon receipt of this afternoon's Cons. I had together with the Rs. 3 lakhs received from the Treasury and complete the balance.

Please inform me through the Bearer if it will be proper for me to pay the balance from the Commissariat and have the full amount due for hire, or must pay it at least in part to the Commissariat or not the balance with, between, till the 1st.

Yours very truly,
Benj. Smith Esquire

بنام کپتان لمبرٹ صاحب

بعد

[illegible]

Benj. Smith Esq.

Rawal Pindee; 30 May 1870:

George Peters, Native, has served me faithfully for three months, and is now discharged only because there is no further need of him. I give him my very great pleasure to recommend him as trusty as possible for his great honesty and fidelity to his employer. He has good manners, speaks and talks well. As he is a born Christian he is free from the vile superstitions not infrequent with the servants, and he is always ready and willing to undertake whatever work is required of him.

Benj. Smith Lyman.

Rawal Pindee; 30 May, 1870.

Rajan Sing has served me for about three months, and is now discharged because he is no longer needed. He will make a good groom, seems to be very fond of his horse and is very attentive to it, and is anything in following it when ridden.

Benj. Smith Lyman.

Murree: 2 June. 1870.

Capt. P. Lambert R.E.
Exec. Engineer
Rawul Pindee

Dear Sir:

Your missing pass of the eleventh instant came to hand yesterday, but as I had left on the 6th October and by the time it reached me it was of no use to me, I forwarded it to Capt. Cockburn. Your letter of April came to hand yesterday, but it has been lying in the post office since the 10th ult. It seems the R. Pindee Post master sent it to a Kalabagh near Abbottabad and from it came here. Mr. Wyvern came to office on mistake made with his letter. It seems the Sergeant of the Pindee police, but as there are two Kalabaghs one in the Pindee district & Marree and the Indus and Murree are at times spelt nearly alike (Murri and Marri) it perhaps best to prefix the Superscription the name of district or the name of the river Indus. I return herewith the Tehsil order (unendorsed) as it may be of use in getting its payment stopped. — If you will send me (as long) a couple of blank books I will make my travelling journal for Murri and Marri. Have not succeeded in seeing Colonel Lyon and will therefore give the matter up. Difficult to find him.

Yours truly. Benj. Smith Lyon.

Lemmy Brook, 9 June, 1870.

My dear Mary,

Your favor of this morning is just at hand, and I may much thank you for the trouble you have been taking about a horse for me and for sending me yours to look at.

I think at that I should like a younger horse than yours, and at any rate should like first to see what can be done in the way of a young one and to take a look at Byron, and perhaps at the gray pony. What do you think you would be willing to give for the gray pony? I should have done with it. At present I should think 120/ a very reasonable price for your horse, long and strong.

Yours very truly

Benj. Smith Lyman.

Major Lloyd, a Corps in the [illegible]
[illegible]

[By Telegraph]

To George Peters, Babu,

Sudder Bazaar, Monday Myo's,

Kamal Pindee.

Send saddle and bridle by hillock train soon as possible.

Berg. Smith Lyman

Jenny Pandi Hotel.

Jenny Pandi Hotel, [illegible]

Col Pounds,

14th Punjab Infantry.

Sir

Indent please send a check on the Thomson Branch of the Punjab Bank for two hundred rupees which Mr Lyman owes me in the Jenny Pandi opposite Jenny Pandi. Will you be so kind as to send me the money by Hillock and oblige

Yours truly

Berg. Smith Lyman

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Sunny Bank Hotel, Murree, 10 June 1870

Dr. Ferd. Stoliczka,
Honorary Sec.
The Asiatic Society,
Calcutta.

My dear Sir:

Your favor of [illegible] with [illegible] has been directed as a member of the Asiatic Society came to hand six weeks ago in camp; and I take this opportunity of sending you herewith a draft on the Delhi & London Bank of Calcutta for forty four rupees, [illegible] thirty two for the subscription fee and twelve for the subscription of the [illegible] in April and July. The business agents in Calcutta are Messrs. Borradaile & Co. Plc & Co., No. 164 Clive Street, and they will hand [illegible] the quarterly subscriptions.

Very thankful to you and the Society for the pleasure of becoming a member remain,
My dear Sir,
Very truly yours.
Benj. Smith Lyne.

Sunny Bank Hotel, Murree, 10 June, 1870.

C. Hurkhurst, Esq.:
Head Manager Punjab Bank,
Rawal Pindee.

Dear Sir:

Your favor of [illegible] before yesterday has come to hand enclosing bills for Rs. 44/- and Rs. 2288/- on the Delhi & London Bank of Calcutta. With many thanks for your favors I remain

Yours truly
Benj. Smith Lyne.

Sunny Bank Hotel, Murree, near
Rawul Pindee, 18 June
1870.

Messrs. Borradaile, Schiller & Co.
No. 104 [illegible] Street, Calcutta.

Gentlemen:

Enclosed please find two drafts by the Punjab Bank on the Delhi & London Bank of Calcutta, one by the head office, Rawul Pindee, for two thousand two hundred and eighty-eight rupees and one by the Murree Office for four hundred and twenty rupees (in all Rs. 2708).

For return please send me a set of bills of exchange on London at three days sight for two hundred and eighty pounds sterling (£280): and keep the balance to my credit.

Will you be so kind as to pay for me my quarterly subscription of six rupees to the Asiatic Society of Calcutta? I suppose they will send the bill to you as the subscription becomes due; but it is already paid for the present and coming quarter that is up to the end of September.

I remain,
Gentlemen,
Very truly yours,
Benj. Smith Lyman.

Sunny Bank Hotel, Murree;
10 June, 1870.

Mr. George Peters,
Saddler Bazaar,
Rawul Pindee.

My dear Sir:

Please send me by my saddle and bridle by the bullock train as soon as possible. I have bought a nice gray pony, and am impatiently waiting for the saddle.

The furniture has not yet come by bullock train, but I expect it this morning.

Yours truly,
Benj. Smith Lyman.

The Postmaster at Murree
will please hand over to the bearer
of this any boxes or goods which
has come for me, and oblige

Yours truly
Benj. Smith Hayman

Sunny Bank Hotel,
12 June 1870.

Sunny Bank Hotel, Murree
Hospital,

Sir,

The bearer of this is my servant & he says he is quite sick with fever and would like you to give him some medicine. If you will kindly do so, you will greatly oblige

Yours truly
Benj. Smith Hayman

[illegible] Hotel, [illegible]
12 January 1870.

Baboo [illegible] Mitter,
[illegible]
[illegible]
[illegible] Co.

[illegible] you [illegible]
[illegible] of [illegible] and oblige
Yours respectfully
Benj. Smith [illegible]

[illegible] Hotel, [illegible]

[illegible]
at Umbala.

Please forward anything for me
to [illegible] and oblige.

[illegible] Hotel, [illegible]
[illegible] 1870.
[illegible]

To the [illegible]
at Calcutta.

D[illegible]

Please [illegible] anything for me
to this place, and oblige
Yours respectfully
[illegible] Smith [illegible]

Sunny Bank Hotel, Murree, 17 June 1872.

Mr. H. R. Hill
Sept. & Insp.
Kharg Offering Works,
Lahore.

My dear Hill:

Your weekly report of the day before yesterday is just at hand, and I be a glad to see, as I think, signs of your being near to the solid rock. Perhaps you have already reached it and begun boring beyond it in order to hand. The presence of oil in the well is also a good sign, although it does not prove that you will find oil in the boring, for it may have come from the surface of the bed, perhaps, particularly as it has gone out and well (the phenomenon) is.

Captain Lambert is going to send you some timber, so as to secure firmly the iron tube in the first well at the surface, fitting up and make a proper platform over it, to prevent accident to the boring in case of caving in during the rains.

Hoping that you will keep up good heart and that you will get a large yield in this same well, I remain

Very truly Your friend, &c. &c.

Sunny Bank Hotel, Murree, 18 June 1872.

Mr. George Peters,
Sudder Bazar,
Rawal Pindee.

Dear Babu:

The things have not yet come. What is the reason? Did you see them start for Murree from the Post Office? We have been inquiring here every day at the post office and at the stable and nothing can be heard of them.

Hope you get a note I sent ten days ago and will send the saddle and bridle so that I shall get them today or tomorrow.

If anything unforeseen has happened to prevent sending the things, why have you not written me a line to let me know?

Please write now as soon as possible and let me know all about it.

Always very truly,
Benj. Smith Lyman.

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Murree, Punjab; 12 June, 1870.

My dear Koenig:

Your most welcome favor of the eighteenth of [illegible] [illegible] [illegible] and filled me with grief at the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and that you are now satisfactorily employed. [illegible] [illegible] that your ingenious and simple process of making the [illegible] [illegible] [illegible] successful on a large scale should fail in a commercial [illegible] because one company finds it expedient to make their own [illegible] at a much greater cost than they could buy it for from you, and [illegible] [illegible] thinks you must have [illegible] [illegible] than you [illegible] [illegible] [illegible] so cheap [illegible]! [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to make you acquainted with [illegible] [illegible] [illegible]. He is in [illegible] [illegible] so many [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] that [illegible] [illegible] perhaps have [illegible] [illegible] [illegible] which you [illegible] [illegible] now [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] think [illegible] would have been [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] he has [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] would be [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I think it [illegible] better [illegible] decent [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] chemist or geologist at the [illegible].

Albemarle, Pungo River, 12 June 1901.

My dear Lizzie:

In writing to Mr. Lesley two [illegible] or [illegible] ago I asked him to [illegible] you to go to my office [illegible] when convenient and pack up for me my [illegible] [illegible] [illegible] and all that [illegible] in travelling [illegible] in case it should be necessary [illegible] to send it any where. I [illegible] in such a hurry that [illegible] to do it myself. All the [illegible] [illegible] are in the office including the [illegible] [illegible] [illegible] [illegible] book case, [illegible] [illegible] [illegible] the keys to the [illegible]. [illegible] [illegible] [illegible] address, but [illegible] [illegible] perhaps [illegible] from there it is possible [illegible] [illegible] [illegible] [illegible] [illegible] in Philadelphia [illegible] would [illegible] [illegible] [illegible] you have [illegible] for doing the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for your trouble [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for nothing although I know you would [illegible] [illegible]. If you are still in the city I would also [illegible] you to make [illegible] [illegible] than never, the acquaintance of [illegible] Lesley. He is a very busy man, but I hope would not find [illegible] inconvenient to have a talk with you. I have often spoken to him [illegible] [illegible] [illegible], and he [illegible] [illegible] particularly [illegible] [illegible] [illegible] of Virginia [illegible] you [illegible] for [illegible] last [illegible]. He is sometimes to be found at the [illegible] [illegible] American Philosophical Society, [illegible], South Fifth Street, [illegible] [illegible] Mr. [illegible] also is), and sometimes at the [illegible] [illegible] [illegible] [illegible] No 433½ Walnut Street, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. — I am very much obliged to you for undertaking the affair of getting me chosen member of the [illegible] Geological Society, and hope it will not give your friend much trouble.

After [illegible] your [illegible] my eyes for one day on the strange sights of [illegible], I [illegible] sailed down the Red Sea, [illegible] at Aden [illegible] [illegible] many strange sights again, and reached Bombay on the [illegible] of January. There I travelled as quickly as possible by rail and [illegible] [illegible] across some 1600 miles to Calcutta [illegible] I waited three weeks for instructions where to go to begin my surveys; [illegible] [illegible] were [illegible] [illegible] for my arrival, I had come so soon after the [illegible] [illegible] [illegible] [illegible]. Then I came up here to the northwestern corner of India [illegible] to make the survey of [illegible] [illegible] [illegible] [illegible] in the Punjab [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] oil springs [illegible] [illegible] [illegible] and all but [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] a [illegible]

Sunny Bank Hotel, Illinois, [illegible] 1872

Mr. Geo. Peters,
Cedar, Rogers,
Carroll Finder.

Dear Sir:

Your welcome favor of yesterday came to hand this morn. And Buckskin accompanied the mules and things have just come to hitch. The mule man must have been careless in handling the things, for two trembles, two clicks, one cap and ball were broken and the stopper of the bell fell down so as to prevent the other cap and bell from. He failed to give the four dollars, but gave me backshish because they had been so careless. We had travelled 450 miles safely without accident to the glass. - Sopal and Alice seem bright up here only one bottle of glass I said to you in Boulder the other day the other one must be in your house [illegible]

I will enclose this a post office money order for two dollars so that you may get it by tomorrow morning, earlier than if I sent it by Buckskin.

I am very glad you sent the things by the mule, if there was dead trouble with the bell clock I think that is something I do not yet understand. I am sorry you did not send earlier. With many thanks for all the trouble you have taken, I remain

Yours very truly

[illegible]

Sunny Bank Hotel, Illinois, [illegible] 1872.

Messrs. A. Scott & Co.
Tailors,
Aurora.

Gentlemen:

I send back the trousers you sent me Saturday because the band and buckle behind have been forgotten. I also send the coat you made three months ago, to have the buttons placed so that it can be buttoned up. The new coat is right in that respect, and in other respects too. Please send the coat and trousers back as early in the day as you can; and please send with them some scraps of the gray cloth for mending in case of need in the pinafore.

Oblige

Yours truly

[illegible]

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Swanny Bank Hotel, Murree, Punjab; 13 June, 1870.

Dear Mary:

Your favor of the twenty first of March and letters of the thirty first of the same month did not come to hand after many fearful wanderings until eight days ago. I was very glad to get both — and had heard nothing from home for more than a month. I was much shocked to learn that Mr. Dalton had lost the use of his left eye, and sincerely hope that the right one will continue sound. Neither of you tell me the nature of the trouble with the blind eye. I am very glad to hear that Father's eyes have become no worse, and that even if the difficulty does not disappear it is finally arrested. — What you say of Brother's acting agrees very well with my impressions of him. I never can blame him to the extent that many seem to do, without specification. He is certainly a good boy but falls very far behind perfection, which Miss Kate Hills (I think it is) would soon remedy. — I am glad you find so much enjoyment in your Brooklyn visit and that Charlie Edwards' children are all such prodigies. — I shall take great pleasure in meeting the Lows when they come to India, if I am not prevented from so doing by absence in the jungle, which is not unlikely. There is quite a throng of American travellers already that are making the tour of the world. I saw some of them at the hotel in Bombay last January, and the Roman officer said he never had encountered such a crowd before at this season of the year. The number will naturally grow larger and larger. Besides the customs and habits of the people in India there are many objects of interest, many large and handsome and curious buildings, and many interesting and romantic scenery. Several months of your time could well be spent in seeing merely the best of all these things. I do not know that I shall have a chance to see much of the country from the Punjab to Calcutta this year. There are a number of towns of importance in Northern India, such as Delhi, Agra, Lucknow, Benares, and several others, some of them ornamented by former rulers with remarkable buildings. — Mother writes me "as almost blind with the rheumatism, and nearly [illegible] and for aught I can see [illegible] will be [illegible] with least in the part of the [illegible] but smaller than the real tiger. People that,

Chancery Court Royal, Murray Street, 13th June 1870.

Dear Sir,

[illegible]

a child was said to be eaten with them, and at another place a child was said to have been killed by one a few days before. But it is a timid animal, after all, and runs away from man, so that there is no personal danger from it. At Ely, we saw where the carcases killed a sheep or goat were also killed by a wolf or jackal while we were there. At night, too, in some unfrequented, lonely places we heard the jackals howling and screaming at us, sometimes within a dozen feet or so of our tent. It is said they are sometimes so bold as to come into the tent and carry off your boots or clothes, and even to snatch away anything from under your head! But they do not by any means seem to be so bold as the wolves, for we never saw anything of them except a single one, quite far off, and the dogs in the yard in the night frightened it off. The tigers, that we discovered one night, a cobra made its appearance by coiling itself in the office tent. This is thought a very venomous snake, and we cut it in two with his sword before he reached the outhouse. Other than, I would add that there are no other snakes. I have nothing else to make about our significant, a dip or eight inches in the ground, and perhaps could. We have had a cobra, which also escaped, one or two times at Boarding Out Tents. Perhaps would be a sea-fight with a mongoose, an animal like a ferret, the snake has been killed, getting away. As for insects I have been myself agreeably disappointed on the whole. There are some mosquitoes at Kalabagh and Calcutta, but not quite as on the Indus, and even at Kalabagh we have been very fortunate, although I brought a net with us to protect me at night. I used it only two or three nights on the Indus River. Elsewhere it has been too dry for mosquitoes, quite. The flies were afflicted a little too numerous in the tent, but did not bite. Little red ants were extremely numerous in the tent and sometimes black ones came too, but neither were troublesome, the black ones being comparatively harmless. The ants did not get into the tent. The only other troublesome insects were fleas and bed bugs. After innocently taking too many a native bed and finding myself afterwards covered with huge bites that continued horribly for two or three days, I found that fleas were the cause of the trouble, and I positively declined all the kind offers of such a bed to lie on until the cause was coming up. But some fleas or insects seemed to have got into my

bedding and have scarcely been driven from it yet. Perhaps the beds here are infested with them as they sometimes seems to be with bedbugs the first I have met with in India. So after all the insects by which I seem determined to be bitten are very much the same as those to be met with in the backwoods of America and especially in Cape Breton. Luckily we have none of the black flies that are the great pest in Cape Breton. The native bed which I mentioned needs perhaps a description. It is not the same attended to in the New Testament in the phrase "take up thy bed and walk." It is a very light framework of four thick (1½ width long) posts, about three or four inches in diameter, connected by four sticks of tough wood some 1½ or two inches in diameter. Over these sticks is stretched tightly a web made of twine or sometimes broad (1½ or 2 inches) webbing is plaited across, taking the place of the sacking here used. Either twine or webbing are very elastic to lie on, and no mattress is used. The whole bed is very light and is carried about on the head by the natives. If for example they go, say a mile and a half, three or four miles or more, as I have seen them do in a dry region, to a stream or well to fetch water and spend the day they carry along one or two of these beds to sit on while resting at noon or at other times. The kind of bed is called a Charpoy which somewhat means merely four legs. As for the heat, it was pretty hot in the Salt Range, a hundred miles south of this, where I was a month ago or less. The thermometer in the cool shady, breezy tent on top of a hill, stood at 115° for several hours in the day the last day or two, after having risen two degrees higher every day for several days. For some time before this it was at 104° and 105°. The wind then was scorching although better than described. It is not customary for Europeans to remain in the field in such weather, but there was little more to do to finish the Salt Survey, and I was anxious to go through with it, and wearied to succeed. I should also have spent two or three weeks more in looking at some cool places had not a letter containing a remittance miscarried and so caused me to run short of money. I came back to Rawul Pindee and thence came on here thirty eight miles north of Pindee. All the Punjab Government is up here for the hot weather; for this is a delicious resort in the western end of the Himalayan range, within a few miles of Cashmere, established for the purpose some nineteen years ago, like Simla for the Government of India and other hill places for Bengal and the North West Provinces. All the European inhabitants and shopkeepers of Rawul Pindee come up here for the hot weather except the Rawul Pindee

We are even thus much fast at sea, and the weather seems
cool indeed after the [illegible] heat. The thermometer stands at 90° or 95°
day and night with scarcely two degrees of change, while hitherto I have
almost always seen twenty or thirty degrees of change from morning
to noon. I sleep here comfortably under one of two blankets of my
thick California blanket. Indeed I found the Rawal Pindee temperature
about ninety degrees at noon more comfortable and pleasant than the
temperature here. The last two days of my camp travelling I slept
without any tent. The place I expected spent a couple of days was accessible only by a very bad road and the whole it seemed hardly worth while
to bring the camels for the little time I had for the tent. Some walking
about near [illegible] a tent at noon in the shade of a tree
and it was pleasant enough sleeping at night in the open air. I had
two servants [illegible] tent. Neither came to the place until we bivouacked
for two days. [illegible] Khan Sahib [illegible] became
[illegible] very [illegible] and [illegible] you [illegible] left. I had
to give them [illegible] and [illegible] them. I [illegible] followed them after
going [illegible] oil [illegible] I found it one night. The journey
[illegible] was [illegible] miles and was accomplished by
the camels in four days. [illegible] in three and a half days
[illegible] the Rabbos [illegible] all the [illegible] [illegible] Cocoa [illegible] here found
that [illegible] Ma [illegible] had better stay here [illegible] for finishing my [illegible]
reports [illegible] pretty crowded and unpleasant [illegible]
here today. [illegible] as far as [illegible] concerned, but it is a long [illegible]
building, with seven [illegible] and the [illegible] have their own
servants and provisions [illegible] own meals. It seems pitched up three or four
new servants [illegible] "as the man" calls it consists of a dirty
room fourteen feet [illegible] in front, and a little bedroom and bath room
behind. The house faces the south and is nearly two miles from the centre of the
village and some 350 feet below it in level. [illegible] is [illegible] here [illegible]
[illegible] is said to be the hottest season, and the rains [illegible] from [illegible] it still [illegible]
and it is [illegible] feel as if [illegible] heaven [illegible] like a fighting [illegible] for a [illegible] a day or [illegible]
[illegible] 250 [illegible] In returning [illegible] I purchased the [illegible] and [illegible] the
day I brought a [illegible] horse [illegible] 25 [illegible] [illegible] afterwards [illegible]
[illegible] days [illegible] [illegible] [illegible]

Mr. W. H. Esq.
Supt. [illegible]
In charge of boring works
[illegible], near [illegible]

My dear Sir:

In your weekly report please give the number of [illegible] or gallons of oil taken each day, from the first boring during last week, if possible, as well as [illegible] I am sorry to see that the amount appears already to decrease a little.

The rains appear have come to [illegible] today, at least [illegible] the little rain. I hope that you will soon have plenty of rain and water and [illegible] weather.

Although the seat of government is here, I know of no news [illegible] that Col. Maclagan is sick, I am [illegible] very quickly have a mile or two [illegible] [illegible] [illegible] Captain [illegible] was here, [illegible] back to [illegible] the other day, and [illegible] [illegible] [illegible] [illegible] [illegible] Mr. [illegible] and [illegible] [illegible]

Dr. Georg Peters
Saddle Bazaar, Round Pindee.

Dear Peters:

I wrote yesterday in haste to [illegible] the mail, and forgot to say that besides the dagger there was also missing the cloth in which the saddle was wrapped, one knife and three or four tins [illegible]. The tins that contained meat they could not have been eaten by me, and no mussulman [illegible] would have dared to eat such food, so they must have been left at your house. I sent you yesterday a money order for two rupees which I hope has safely reached you. Bachchu is going back to Pindee today, and is coming back here, and I send this by him. You may send me by him or by a coolie the saddle cloth, the holster (galta), the missing knife and dagger, and the missing tins, and the horse's bucket ([illegible] balti) brush and curry comb (Kharahra). There is also missing a small bottle of beer, which you may send too, if you find it. — Did you keep the key always yourself or did visitors to your house have a chance to open the boxes? — I paid the [illegible] yesterday four rupees. Do not let them bother you for the money. Although I took no receipt from them, there were three or four witnesses who saw me pay them, and that is as good as a receipt.

Yours very truly
[illegible]

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Murray Hill Hotel, Murree, Punjab; 14 June 1870.

Mrs Susan J. Lesley
1008 Chestnut St., Philadelphia.

My dear Aunt:

Your most welcome (and still the more unexpected) favor with Mr. Lesley's of the 4th of April came to hand about ten days or so ago, after being forwarded several times. I am delighted to hear that the health of family has in general been so very good this past winter, and that Mr. Lesley seems still to grow younger. I hope he will not put himself back again by beginning to seem to make unusual efforts. Still open fires with Cumberland coal or of anthracite are indeed a great help to good health. I am sorry (except perhaps on account of Mr. Lesley's health) that the State geological survey fell through; but perhaps it will be all the more sure of being ordered next year. I am glad to learn that the California survey is to go on under Mr. Whitney. Mr. Lesley's geological excursions seem to have changed their character somewhat and to have become grand excursion parties, thirty or forty hundred companions on each. It must be a very taking kind of survey and a great recreation I should think. It is hard on Lyd. to have one or two interested parties as companions on such an trip — but such a crowd of them! — How sad it is indeed that Mr. Lesley should have lost the use of his lifeboys, so active a man and so independent in business and pleasure on his legs. I hope the sight is not to be lost in the same way. I have not yet heard the cause of the trouble, or its nature. — I am very much obliged to you for not forgetting to let me know something of how my friends in Philadelphia are getting on. The advertisement office in the Court room was an amusing office, and I am profoundly grateful to Mr. White for his valiant defence of my reputation. I have been much puzzled to make out why my presence in Court should have been desired. — You speak of your difficulty in finding out Mr. Clark Newcomb's address; did you think to look in the Directory? — A particular friend of mine Dr. G. A. Koenig, who came to Philadelphia nearly two years ago and has been working there since that as a chemist, brought from Europe (however from Pacific Ocean) a letter of introduction to your husband, which my friend received. Mr. Lesley was not at home and so the letter was not delivered; and I did not give very great encouragement to his delivering it, because I knew how busy Mr. Lesley was and [illegible] that it is a bore, although Koenig is a very good [illegible] and [illegible]

[illegible]

[illegible]

[illegible]

It was he that made the analysis of these Egyptian [illegible] in which first [illegible] interested, and I have often at his time spoken of Koenig & Mr. Lesley as he was [illegible] members. After working a few months in a laboratory [illegible] in [illegible] a method of making [illegible] I [illegible] glad [illegible] Koenig associated with him a young Mr. Evans, [illegible] (I forget their Christian) and the other Mr. Thomas Jenkins Bettleman who had been a fellow student with him at Trenton College and was then a fellow student with me at Jefferson Medical College in Philadelphia. Neither had capital, but Koenig had some means and Koenig had something of his own. Between them they raised enough to hire a place up town to build a little building and make the needful apparatus. On a large scale the process did not work exactly as the laboratory experiments had shewn, but Koenig went on with his experiments until the process was made perfect on a large scale, and a very ingenious simple and elegant process it is. Before I came away they had [illegible] everything into working order and were making the stearate marble chemicals which could be bought at wholesale [illegible] cheaper than they had been looking about for the means of selling this and other products and had just given over the idea of selling it themselves [illegible] a certain Philadelphia firm. Koenig was advised by me (in [illegible]) to [illegible] in Germany that one of his [illegible] was spent [illegible] in New England where more [illegible] than anywhere else. At one the chemist of the place admitted that Koenig [illegible] had in the pound four ounces more of stearate than his own and that his own cost him twenty four cents a pound to make. The agent offered him at twenty two cents a pound. After some [illegible] an answer was given that "the interest of the company required them to make their own stearate." At the New England place the chemists claimed that Koenig must smuggle his tin to make the stearate so cheaply. The small dipping establishments do not [illegible] enough & keep Koenig and his partners employed and so they must shut up shop, and find other employment. Koenig just came to the city, fresh from Freiberg, Berlin and the Heidelberg University, [illegible] years old, in consequence of a dispute with his father who was offended at his marrying a young lady he was in love with and who was in debt. He [illegible] the stearate business seemed to promise [illegible] that he [illegible] When called on his father's employees and letter came [illegible] [illegible] away in Philadelphia [illegible]

I wrote to Mr. Baby and fortnight more than a month ago. After I scrambled in spite of the heat to finish the rest of the field work for the Punjab survey, and should have spent a complete week more in doing so. But I was asked to look out; but a letter with remittance forwarded, & that transfer of money, and found it best to return to Kasauli sooner and leave the coal to another time when it can be put as well or better done. Before I left the field the thermometer had some days been at 130° in the shade and 160° in the sun. They say it goes up to 115° in that region but I have never heard any higher heat than spoken of, and think there cannot be much difference in feeling between 115° and 125°. I found it rather exhausting to work in the heat and when I got here a fortnight ago I had lost several pounds, thus proving it to be a trial; but I had not been at all sunstruck, and the sunstroke seems like the perpetual terror of the English in India. They are constantly keeping up some little or great precaution in regard to it, and we all wear the most unhappy, clumsy and ugly hats as a precaution, and must think it necessary to avoid walking in the sun, especially without an umbrella. For my part I walked and rode and climbed up and down steep bridle paths in the hottest weather, and if it were not for a throbbing headache would be willing to go bareheaded all the time as the natives do. I am convinced that beef, beer and brandy have more to do with the numerous sunstrokes of the British than the hats or umbrellas have. I like the hats for their excellent qualities, but they are ugly as a common thatched or straw hat that have come into use in America within the last three years. Nothing but these ugly clumsy huge things is the hat here, in several forms to be sure, but each are ugly and uncomfortable. For relief from the heat of summer in the plains (for 100° places of summer resort (sanitaria) have been established by the government in the Himmalayan hills. The Governor General, Viceroy, the Governor General and the other chief officers of the government of India spend the summer there; there is another place for the government of Bengal, and one for that of the Northwest Provinces; and this place Murree, in the western end of the Himmalayas, and 7000 feet above the sea, is for the Punjab Government. Every government officer nearly every European in the country for all the Europeans, almost, are government servants either civil or military. The chief officers of the government come down

[illegible]

[illegible] Quarantine, 18 June 1874

Captain Lambert R.E.
Executive Engineer.

My dear Sir

Will you be so kind as to send me some of this for one two blank forms for the travelling journal? I forgot back for them the other day.

Yours very truly
[illegible]

[illegible]

My dear Wynne:

It will give me great pleasure to look this afternoon at the things you bring. [illegible] to stay to dinner as you kindly ask.

Yours very truly
[illegible]

[illegible]
Meeting with the Engineer Commanded
in the Bastion on the left [illegible]

My dear Sir

I have been very sorry to learn on calling at your house that you were not well; but I trust that it is nothing serious and that you are already better if not wholly recovered.

I called on Monday mainly to ask for the roll of drawing paper and the pencils if they had arrived. If you should still unfortunately be too unwell to attend to the matter, perhaps some clerk in your office or some member of your family possibly, will have the kindness to send them to me by the bearer of this, if they are at hand. You will forgive me, I know, if I be importunate about the making of every effort, provided it be not [illegible]

From what I have seen of [illegible] I am almost convinced that you never received after all my letter of the 17th April from Dodd's Ferry near Knoxville Tenn. A letter of [illegible] which I enclosed at the same time was lost.

Sincerely hoping that by [illegible] you are by this time quite well again, I remain,

[illegible]

Sunny Bank Hotel; 16 June, 1870.

J. F. Miller, Lieut.
Assistant to Supt. Engr. 18. Cavl.

My dear Mr. Miller:

In answer to your favor of today I have to say that it is entirely uncertain whether the second well will bring up the yield of oil at Pinda to a hundred gallons a day or not; but it is not proved that it will. The present well instead of yielding an average of forty gallons a day, was yielding at last account (10 June) only about twenty gallons a day, having come down to that from about twenty-five gallons a day the week before and fifty gallons in one day about a week before that. There is no reason for counting upon a greater yield in the second well than in the first, although it is quite a possibility, just as a smaller yield is.

As the yield of the second well, however small or large, of oil may be expected, I know that the services of a boring party will be needed through the rest of the season. Because of the second well the other wells will be needed to get the requisite supply; with a large yield the wells will be more than offsetting and it will be desirable to have new wells ready to take the place of any that may cave day.

I take the liberty of asking whether it would not be cheaper to transport the oil in bulk vessels and in barrels instead of in cans or vessels. There is an excellent road from the very well all the way to Pinda and bulk petroleum is hauled down in large quantities for the Cayuga Lake or the Seneca and Cayuga. If difficulty is inclined, owing to making them hold oil without leaking or other trouble, it would be very easy to give them a coat of paint and allow a discount for the barrels unless returning the oil.

I will do my best to keep some men working here under your direction by some called; but if anything should occur to me I will communicate with you again.

Very truly,
Benj. Smith Lyman

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Kenny Bank Hotel, Darjeeling
20 June 1870.

Mr. R. Bell,
Engr. & Supt.
at the Coal Works,
Mundai, near Kalimpong.

My dear Sir:

[illegible] the accompanying
enclosing the weekly report came to hand yesterday.
I am sorry to learn that the yield of good coal
is very slender so far and so poor. I am glad
there is daily yield from as in the weekly
report. I am disappointed that you do not get
much better results in the second well. I infer from
that you omit the boring drill in the
second well instead of boring a large hole for
the tramp pipe, as you did in the first one.
You had one drill borer for the
work in that material. Had you not better use the
drill borer one of the chisels for the purpose; for I
assume that such a boring would be more rapid
than the digging. I do not understand the
to make the first well of uniform circumference
from bottom to top; and cannot see any sense in
I have that Capt. Campbell is the same to do.
Shall ask him about it. If he will let the person
should come and work on with them; and I will
of and remunerate [illegible] a fair price for your [illegible]
[illegible]

Kenny Bank Hotel, Darjeeling, 17 June 1870

Dr. Robert Oldham R.E.
Geol. Mr. Punjab Govt. Ve.

My dear Sir:

Many thanks for the
drawing paper which has just come to hand
and for the photographs and coal paper
which came safely yesterday.

I have looked through the paper on coal
washing and artificial fuel. It seems that the cost
of the apparatus for the process recommended is
3 shillings one penny a ton. This would perhaps
make it inapplicable to the mass of the Raniganj
coal carried to Calcutta, on which the saving
in transport by removing the ash would be only 1/4
a ton. It seems, Dr. Oldham's paper on the Raniganj
coal shows also that there is of coal there
about 48,000 tons. This amount would supply
a manufactory with one hundred tons a day
for twenty years; so that the output of the mines
would be greatly increased by the [illegible]
[illegible]

[illegible]

[illegible]

Sir:

[illegible]

[illegible]

[illegible]

Mr. George Butler

Gettysburgh, R. Island.

Dear Brother:

Your favor of the 20th inst. came duly to hand, and I have been waiting impatiently for the arrival of the cattle, which has at last come. I have yet to will believe readily that you would steal from me, and did not suppose it necessary upon my part to do so. I thought the little trifle might have helped you really to some of the money which on the very hour you left when that money fell, and I should have found that immediately if you had not forgotten to tell me of it. But it seems that was not time, then where could the things have been stolen except in your care? They were almost constantly under your eye or mine until I sent them off to Providence for shipment, and after that they were in your care until they arrived here. Bachelor says he carried the keys with him on the way up from Providence and it is not at all likely that either he or the mate meddled anything out in the short time they were coming. They would not steal the good and would have no claim in reason or time to call it, and besides Bachelor had every appearance of innocence. I am forced to believe that you did not keep the keys always about you and that some body got hold of them and helped themselves to the chest and what which you have

[illegible]

Murree Bank [illegible]

Capt. [illegible] R.E.
Exec. Engineer.

My dear Sir:

I send you herewith only the [illegible] Sufficient Receipts for the [illegible] allowance that you have just [illegible]. There is a receipt though here for me [illegible] and none is the [illegible] having very [illegible] on the [illegible]; so I will put one the afternoon and take the receipt [illegible]. — I was not aware that [illegible] that [illegible] [illegible] just [illegible] any other [illegible] or the [illegible] [illegible]. [illegible] I was not aware that [illegible] was [illegible]. — If you [illegible] [illegible] to [illegible] the [illegible] [illegible] be done [illegible] [illegible], [illegible]. — [illegible] about the [illegible].

Yours very truly
[illegible] Smith Lyman

Capt. Lambert R.E.
Executive Engineer,
Murree.

My dear Sir:

Sergeant Hill in [illegible] one of his last weekly reports mentions that he has been ordered to make the wall (the [illegible]) of uniform [illegible] [illegible] [illegible]; [illegible] [illegible] in [illegible] — [illegible] it [illegible] [illegible] [illegible] [illegible]. The [illegible] in [illegible] [illegible] [illegible] the sides so that if [illegible] [illegible] than if the sides were straightened. [illegible] at your house yesterday and day before without [illegible] [illegible] you [illegible], [illegible] and make sure that I understood the order rightly. I am sure you will not think me meddlesome in volunteering [illegible] advice on the matter.

If you have here any blank forms for the travelling journal you might send me two or three of them by the bearer of this, if you please.

Yours very truly
Benj. Smith Lyman.

The [illegible] [illegible] [illegible]

23 June, 1870.

Messrs Grindlay, Shaw & Co.
Calcutta.

Gentlemen:

Your favor of the 25th ultimo is at hand enclosing a bill of exchange in my favor on the Bankers of London for twenty-one eight pounds sterling, and I thank you for the same.

Enclosed herewith please find a post office money order for fifty rupees to pay for the Rs. 20/8/0 due you by me; and please keep the balance to my credit.

I remain, Gentlemen,
Very truly yours.
Benj. Smithsman

Mr. H. A. M.
Surgeon & Officer [illegible]
Confidential, [illegible]

My dear [illegible]

Sunny Bank Hotel, Murree; 2[illegible] June [illegible]

Mr. George Peters,

Sudder Bazar, Rawul Pindee.

Dear Baboo:

When I came back yesterday from carrying my letter to you to the Post Office I found the coolie had come with the things; and Kissan happened to be here to [illegible] opened from Capt. Lambert. Kissan said that the boxes were [illegible] and [illegible] and you [illegible] belonged to Capt. Lambert, and so [illegible] him take them away. [illegible] in the [illegible] account books. [illegible] for [illegible] letter was opened, that you did not give him [illegible] that, as you say yourself you [illegible] [illegible] you [illegible] [illegible] may imagine [illegible] been [illegible] [illegible] but you are quite mistaken and your [illegible] to the letter of yours is quite needless. [illegible] that in giving the [illegible] to Kissan (as he [illegible]) you [illegible] [illegible] [illegible] mistaken [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for it again. You make no explanation [illegible] [illegible] specimens of the [illegible], the [illegible] and the [illegible] [illegible] you must admit that they disappeared while in [illegible] care and keeping, and that you are responsible [illegible] [illegible]. You do not answer my question about the keys [illegible] you always keep the keys about you or [illegible] [illegible] when you were away from the boxes? [illegible] [illegible] I do not understand what you mean, unless it is that [illegible] with one [illegible] [illegible] [illegible] that you gave the [illegible]. That seems strange [illegible] [illegible] [illegible] when you had [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

Yours very truly, Benj. Smith Lyman

Sunny Bank [illegible]

28 June, 1[illegible]

Mr. George Peters,

Baboo, Sudder Bazar, R. Pindee.

Dear Baboo:

The coolie whom you promised to send with the things has not yet come; and I have no word from you since your letter of the sixteenth. You must remember that I have all the time been very impatient to have the things here, and am still very impatient. Please send them as soon as possible; and write a word immediately by the post (dak) so that I can hear what you are sending and when you are sending, or [illegible] why you have not sent before.

Yours truly,

Benj. Smith Lyman

My dear Sir:

Your letter of day before yesterday is just at hand. I met Hartshorne in Denver & talked with Capt. Lambert, and I think he will give up his plan of enlarging the pipe two inches, and the change in the upper part of the well will be useful in diminishing friction. If he does have the bore enlarged I think it will be best, coming in common from the top of the well. But I think the tubes will be better if put in new borings. I have no more doubt of the efficacy of a tripod in that bore, but think it would perhaps be well to wait until the pipe has been down still a little more. I think you were probably right in going on with the digging at the new well instead of going through the clay under the circumstances. I am glad you made some keep up heart so well and hope you will soon get to the rock, and then in boring pipe all.

If you have more cash than you can well employ at the present digging, you might spare from your co-ing again about deepening the pipe until the digging goes on. I think it would be better to have a hole about [illegible] feet deep in the pipe hole and in the

Murree, Punjab; 26 Juin, 1870.

A mon cher Eugabet:

Ne m'accusez pas de mon long silence que je vous ai [illegible] cette longue amitié et la [illegible] que vous m'avez donnée [illegible] quand j'étais [illegible]. [illegible] j'ai [illegible] bien souvent de vous et j'ai bien souvent voulu que jamais [illegible] mais j'ai toujours été très occupé toujours [illegible] dans la campagne, [illegible] je ne suis que peut-être écrire [illegible] si je n'avais pas [illegible] fille. J'ai [illegible] je vous [illegible] [illegible]

J'ai été beaucoup intéressé dans les [illegible] pour les [illegible] que j'ai eu [illegible] des [illegible] [illegible] attendre que [illegible] semaines [illegible] commencé l'étude de la langue [illegible] parce que [illegible] bien pour [illegible] ment la langue [illegible] bien pour les affaires [illegible] je [illegible] beaucoup [illegible] la capitale du Punjab, à Rawal Pindi, [illegible] encore [illegible] pendant [illegible] [illegible] trois mois j'ai [illegible] [illegible]

Mexico, Sonora, 29 Junio, 1870.

Mi muy estimado Compadre:

[illegible]

[illegible] des sondages, on [illegible] Bellinzona. [illegible] je me borne à en [illegible] pour faire voir [illegible] Mais [illegible] chétive; il n'y a pas [illegible] et le donne peut-être [illegible] sont très petits; [illegible] les affleurements [illegible] et seul peut-être [illegible] d'emploi; il [illegible] pas les voleurs, [illegible] la vitesse britannique [illegible] mahométan. [illegible] il est venu me [illegible] il devait me mettre en [illegible] l'attaque. [illegible] mais sans succès; [illegible] l'indigène, qui était [illegible] un fils bâtard, un [illegible] du mulet, un [illegible] un courrier, deux hommes [illegible] étaient [illegible] tués. Le [illegible] était [illegible] avec [illegible] Les [illegible] jusqu'à [illegible] le travail [illegible] jusqu'à [illegible] finir mes [illegible] ce [illegible] à une [illegible] oreilles [illegible] du sud-est de la [illegible] européen des [illegible] même le sondage [illegible] pratique [illegible] pour [illegible] pénétrée de l'eau [illegible] sont [illegible] la mer [illegible] sont pétrifiées dans un [illegible] 500 mètres, à même de [illegible] dans l'eau et du [illegible] plus bien près les [illegible] et [illegible] et [illegible] et [illegible] et [illegible] dans [illegible] un [illegible] dans [illegible] un soldat [illegible] je ne [illegible] combien de voleurs [illegible] mais il n'y avait [illegible] cheval, et pour cela il a [illegible] Inde; puis il a [illegible] pour [illegible] un porteur d'eau, un [illegible] les autres étaient [illegible] Chez moi, un bon [illegible] dans [illegible] les autres [illegible] nourrissent [illegible] grande lente (le [illegible] du [illegible] 113 Fahrenheit), [illegible] la pluie et [illegible] ici un commencement de [illegible] on en [illegible] quelques [illegible] mois. [illegible] pieds au [illegible] du niveau de la [illegible] au nord-est de Kandahar, et dans les [illegible] près de [illegible] pour mademoiselle [illegible] maintenant [illegible] officiel du gouvernement [illegible]

Murree, Punjab, 27th June, 1874.

Dear Mott:

[illegible]

[illegible]

[illegible] Besides that there were little children [illegible] from the [illegible] head down their backs; [illegible] the [illegible] of the [illegible] their [illegible] left [illegible] [illegible] walking at a time, [illegible] as they [illegible] every body, and they had the cloth wound round their head [illegible] the rest of the tall [illegible] these loose tunics were less uniform [illegible] village almost all the women seemed to dress in [illegible] they were a single piece of white cotton cloth [illegible] the women [illegible] over the shoulders [illegible] the breast and [illegible] the [illegible]

[illegible]

Capt. [illegible]

[illegible] Engineers,

[illegible]

[illegible]

[illegible]

[illegible]

Mr. [illegible]

[illegible]

Dear Sir:

[illegible]

[illegible]

Yours [illegible]

[illegible]

[illegible]

Mr. [illegible]

[illegible]

My dear Sir

[illegible]

[illegible] July, 18[illegible].

Capt. P. [illegible]
[illegible] Engineer
[illegible]

My dear Sir:

I wrote [illegible] yesterday [illegible] through my [illegible] [illegible] and [illegible] [illegible] [illegible]

[illegible]

[illegible] July [illegible]

[illegible] [illegible] [illegible] [illegible], and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] he [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] he might be [illegible] [illegible] up or [illegible]. He [illegible] [illegible] a very [illegible] young man, and is so far as I know, perfectly honest.

Benj. [illegible]

[illegible] Hotel, [illegible]
2 July, 18[illegible]

To the Postmaster
at [illegible]

Sir:
Please forward everything for me to this place and oblige.
Yours truly,
Benj. Smith [illegible]

Dunny Brook Hotel, Murree, 9 July [illegible]

F. Powell,
Murree.

Dear Sir: Enclosed please find a check on the Punjab Bank, Murree Branch, for fifty one rupees and five annas, the amount of your bill, for instrument just received.
We can receipt the bill any time when you are down here, if you please, and oblige.
Yours truly,
[illegible]

[illegible]

To Postmaster
at [illegible]

Sir:
Please forward everything for me to this place and oblige.
Yours truly,
Benj. Smith [illegible]

[illegible]

[illegible]

Sir: Please forward anything for me at other place and oblige

Yours truly

[illegible]

[illegible]

[illegible]

Sir:

[illegible] forward anything for me to this place. If I receive letters [illegible] in your office of late [illegible] If I receive orders [illegible] I was more than four months [illegible] and the order was countermanded within a week. One or two letters and a newspaper or two are missing, and if [illegible] may point to the dead letter office I'd be [illegible], if they can be found, [illegible] I have not been.

Respectfully

[illegible]

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Lynn, Mass. 5 July, 1870.

To the Surgeon
in Charge of Hospital,
Cullaoa.

Sir:

The bearer of this, Cordial, one of my servants says his father, who lives here with him, is sick with fever and needs help from the hospital. If you will kindly furnish him what he may need you will greatly oblige

Your respectfully,

Benj. Smith Lyman

5 July 1870. — This letter was taken and handed to me, but without explanation; perhaps the [illegible] is a wrong man. Being hospital no [illegible] and because pay was not offered [illegible] I will be happy to do what is required for [illegible] I am [illegible] — Benj. Smith Lyman

Lynn, Mass. 1870, July [illegible]

Capt. P. Chadbourne R.S.
Executive Engineer.

Dear Sir:

Your favor of yesterday is at hand.

A party of Mr. Hills men were here on Friday; they could not then number be increased without waiting for siffers. The difficult by the milling [illegible]? I think the cellar would pass as serviceable; at any rate the well [illegible] with the siffers, so that there should be a [illegible] at each hole. For more depth of boring no [illegible] nor thinkings would be needed the hole should be [illegible] five or forty feet. By [illegible] that time [illegible] they would probably be at the rock in most parts but would be needed thereafter if all were needed; negative [illegible] would be [illegible] finished and to my mind was the easiest all the more reasonable at the present moment. I think [illegible] it would be well worth while to have two [illegible] at work all the time with [illegible] and [illegible] for the boring [illegible] expense and thinkings; though there [illegible] you do of necessity [illegible] to be well [illegible] with [illegible] expense [illegible] would be a very [illegible]

Yours very [illegible]
Benj. Smith Lyman

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[illegible] [illegible] 25 [illegible]

[illegible]

[illegible] promised [illegible] [illegible] [illegible] [illegible]

[illegible] and [illegible] [illegible]

[illegible] lines between Europe and India, [illegible]

[illegible] and the Indian [illegible] [illegible]

[illegible] [illegible] in my mind [illegible]

[illegible]

[illegible]

The [illegible] [illegible] [illegible] [illegible] [illegible]

the, and if you like you may [illegible] [illegible] [illegible]

[illegible] [illegible] about the [illegible] [illegible] [illegible]

all [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] I would [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] you think [illegible] [illegible]

[illegible] [illegible] by [illegible] [illegible] [illegible]

[illegible] [illegible] it would appear that [illegible] [illegible]

[illegible] [illegible], especially of the [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] newspaper [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] the [illegible] [illegible] [illegible]

[illegible] for the Department, [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] like to keep up [illegible] [illegible] [illegible] and is therefore

[illegible] [illegible] [illegible] [illegible] without my name

[illegible] might [illegible] [illegible] would [illegible] a little [illegible]

[illegible], [illegible] [illegible] about the [illegible]. I would be

obliged to you if you would send a copy of the paper in which you print my letter

[illegible] following addresses: [illegible] [illegible], Mass.; James [illegible] Esq.,

[illegible] [illegible] Esq. [illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] No. 132

[illegible]

Ellwood, Pennsylvania, 6 July 1870

Dear Albert,

[illegible]

Memphis, Tenn., July 11, 1870.

Dear Lizzie:

[illegible]

[illegible]

[illegible]

Berry Park: 8 July, 77

My dear Byron.

I shall be very glad to go with you tomorrow to Thornfield. If I shall see you before then of course I will be ready when you come to call for me. I hope we shall have some the right preparation for so unusual a performance.

Yours very

Benj: Franklin Lope

[illegible] 2 July, 1877.

Mr. W. R. Hill,
Dept. Jeffries & Williams,
London.

My dear Sir:

Your account was duly received and some time since for last week, and the other miscellaneous items, so far as I am aware should be allowed, you will have paid, and perhaps even before you receive this letter. I hope that this is not so, but I fear it is you are by this time in the country working. I am afraid the change from the rains has done you the best as the field and [illegible] [illegible] and a great deal of vegetable matter in the stations, and that the rain water upon the [illegible].

I have done all I could to get you supplied with a fresh and complete more than [illegible] Nos 3. with which No. 22 will differ [illegible] I had known it would take so much correspondence to obtain it. Meanwhile about which I should have authorized you to employ a competent person in the meantime. Many our expenses had [illegible] [illegible] is arranged by this time. [illegible] [illegible] to [illegible] [illegible] [illegible]

[illegible] Barracks, [illegible]

Capt. [illegible] R.E.

Secretary &c.

Sir, dear Sir:

I shall be very glad to see the drift [illegible] which is in good order. [illegible] he can make a better sketch than I (which I am sure is not very difficult) he will have if he calls to do all that he wishes. Moreover there will not be so much work prepared for him and it will be another week, but I shall be glad to have him come.

Yours truly,

Benj. Scott Lyman

Kingsbridge Barracks, [illegible]

Capt. [illegible] R.E.

Engineer Department, Boston

My dear Sir:

Your favor of yesterday was duly given. Mr. Ryan will have an interview in my power for twelve hours and after to-morrow and fifteen days has come duly to hand, and has much helped Ryan.

My works are getting along more slowly than I had hoped, owing especially to the fact that [illegible] and I shall hardly be able to finish them in time to go westward before the first of September.

Yours very truly

Benj. Scott Lyman.

Murree, Punjab; 10 July 18[illegible].

[illegible]:

Your most welcome favor of the [illegible] [illegible] [illegible] came [illegible], [illegible] to the [illegible] [illegible] to be [illegible] [illegible] to different [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] I read all you write about your [illegible] [illegible] and [illegible] [illegible] indeed [illegible] [illegible] [illegible] [illegible] regularity [illegible] [illegible] remember [illegible]

[illegible]

[illegible] have been [illegible] [illegible] [illegible]

[illegible] and had [illegible] [illegible] children

[illegible]

Col. [illegible] R.E.
Executive Engineer &c.

My dear Sir

I talked [illegible] Col. Maclagan the other day about fixing a [illegible] in [illegible] and he advised me to mention the matter to you. Could you not easily get some sound [illegible] made in Pindee, [illegible] three quarters in [illegible] and one of them [illegible] [illegible]

[illegible]

[illegible]

Col. R. Maclagan R.E.
Secretary &c. &c.

My dear Sir:

Pray send word to that native draftsman not to come again for pity's sake. I hoped he would be a better letterer than myself, but he has proved the even worse. It has taken nearly a whole day's work to bring into form the [illegible] his first half hours work of [illegible]. And I should be much further advanced now if he had not come [illegible]. [illegible] has the madness [illegible] [illegible] Cannot [illegible] I would [illegible] for a [illegible] my name in [illegible] as before [illegible] with such lettering [illegible].

[illegible]
[illegible]

[illegible] [illegible] July 18[illegible]

[illegible] Brother[illegible]

I have [illegible] [illegible] [illegible] you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] without pay [illegible] [illegible] and I shall [illegible] happy [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] United States [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] patent, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] could. [illegible] [illegible] [illegible] can be employed [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] it was [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — Please hand the enclosed letter to [illegible], and give my love to all the [illegible] of the [illegible].

[illegible] affectionately,

Benj. Smith Lyman

[illegible] put his hand to his forehead and said "Salaam", [illegible] Salaam! Then she were an old woman [illegible] was hunchback carried by her father in his arms, and sometimes [illegible] alight by his side; but she commonly rode upon one of the [illegible] or mules. The father would arrange a place for her on any [illegible] with the travellers of his own and their baggage. We saw whole [illegible] only mules and no camels. [illegible] the [illegible] in the March when I had daily been [illegible] and on looking found that the mule on which the woman had left the [illegible] and then had come to the ground; but in [illegible] of the other land which [illegible] not prove to be much worse off at all. The Camel would also [illegible] fall down in the way, but I do not know that it ever injured [illegible] the worse for it. The [illegible], also [illegible], [illegible] never [illegible] any kind of disturbance, and [illegible] the father. He used to [illegible] at some neighbouring [illegible] and [illegible] would go there to pass the day. The evening he [illegible] one of the [illegible] [illegible] the had no playmates, but [illegible] the servants were generally [illegible] her and perhaps played with her sometimes; but there [illegible] some other little dark children. She is quite dark herself (Cook herself) and I [illegible] playing with them. One little boy with oddly shaven head, and [illegible] a short stick seems to be a favorite companion [illegible] them. She. She has taught him to say Salaam [illegible] and put his hand to his forehead when I [illegible] discharge then for the [illegible] I should need him [illegible] and opium so he would be a rather [illegible] [illegible] of course of here. I had to [illegible] another [illegible] when [illegible] quite a young [illegible] living some two miles off with his father, which was quite inconvenient. One day when the [illegible] was especially apparent and I had [illegible] my mind to tell [illegible] the young [illegible] who should write no [illegible] and [illegible] just [illegible] [illegible] to pay his respects and say [illegible] unable to find work and his [illegible] were here too. [illegible] again. The [illegible] dressed a little differently, [illegible] instead of the blue [illegible] [illegible] [illegible] father. [illegible] looking [illegible] [illegible] [illegible]

Messrs. Gordon Stalker & Co.,
Calcutta.

Please forward my letter of yesterday, and also enclose the post office money order for fifty rupees.

Murree, Punjab; 13 July 1870.

Messrs. Gordon Stalker & Co.,

Calcutta.

Gentlemen:

Enclosed please find a draft endorsed in your favor for twelve hundred rupees, drawn by the Punjab Bank, Murree Branch, on the Delhi & London Bank of Calcutta.

Please send me a bill of exchange payable in Paris for five hundred francs; and keep the balance to my credit.

On the twenty third of June I answered your favor of the eighteenth of June and enclosed a post office money order for fifty rupees.

I remain

Gentlemen,

Very truly yours,

[illegible] Lyman.

[Copy of letter from R.S.L. to Capt. P. Lambert R.E.]

"Sunny Bank, Murree; 14 July, 1870. — My dear Sir: — I happened to call on Col. Maclagan the other day just after you had left him, and he explained to me at some length (at your request as I understood him) that it was not within my province to give Sergeant Gill any orders that required any additional outlay of money, only orders that required no such additional outlay. As I had not done nor given any reason to suppose that I should do what Col. Maclagan was cautioning me against, the thought could not but occur to me that you were dissatisfied with my holding any correspondence at all with Mr. Gill.

"When I left Kundia soon after the beginning of Bore Hole No. 1, I begged Mr. Gill to keep me posted by frequent letters as to the progress of the work, so that I might give advice in regard to it from time to time, as I imagined it my duty to do. He very kindly wrote several letters, but most of them miscarried; so that when I came back to Pindee and revisited Kundia I had a very imperfect notion of what had been done. At Kundia, therefore, in the beginning of June I asked him to send me every week a copy of his weekly report of progress, and afterwards asked him to append to it a statement of each day's yield of oil. This last piece of information was to be (like some of the rest, indeed) partly for the benefit of the report I have still to write upon the Kundia oil lands, so that the report might be posted up to the latest dates. I have written to Mr. Gill perhaps rather oftener than was absolutely necessary, because I thought it would be pleasant for him in his situation to know that others had him in mind and that his work also was not forgotten.

"I have never in these letters presumed to give him any orders, certainly none that required the outlay of money, nothing more than advice; for I supposed that I had no authority and that he knew how far he could act upon his own responsibility. I have gradually become aware that you are wholly inexperienced in the practical details of well sinking and boring; but that does not prevent in the least you being a very agreeable gentleman or even (so far as I know,

an extremely useful officer in the Public Works Department. I am sure my feelings towards you personally have been nothing but the kindest, and I certainly feel greatly obliged to you for the trouble you have taken at various times in my behalf and for the kindly manner in which you have done for me what your office required of you. There is nothing, therefore, on either side of my correspondence with Mr. Gill which should have given you any displeasure, even if you had seen it yourself; although I have seen fit sometimes in my letters to oppose your engineering plans, as I have done to your face.

"It is perhaps needless to remind you how rare and precious are those men who do not shirk responsibility in really doubtful and important cases until it is positively forced upon them. It has been my ambition to belong to that small class of men, and with that in mind have not hesitated to give my advice at all times in regard to the borings, under the impression that the general public, if not the Public Works Department, held me in some sort answerable for the proper management of them. If this responsibility does not in any way rest on my shoulders, nobody will be more pleased than I; only, I should be very glad to have the fact distinctly understood by all parties interested. If, on the other hand, any advice whatever is desired from me, I must beg that the fullest information possible be placed in my hands at the earliest possible date. I can think of no more important step towards this than a direct and active correspondence with Mr. Gill; and in that case also would therefore beg you to ask Mr. Gill to resume his habit of writing to me often. — I remain, my dear Sir, yours very truly — Benj: Smith Lyman."

[illegible] Sunny bank, [illegible] July, [illegible].

Captain [illegible] Lambert [illegible]
[illegible] Executive engineer
[illegible]

My dear Sir:

I [illegible] called on Col. [illegible] the other day just after [illegible] and he explained [illegible] at [illegible] [illegible] but it was not [illegible] [illegible] give [illegible] any orders that [illegible] any additional [illegible] [illegible] additional [illegible]. As I had not done so [illegible] no [illegible] additional [illegible]. [illegible] what Col. [illegible] [illegible] could not [illegible] [illegible]

[illegible] the [illegible] of Bore Hole No. [illegible] advice [illegible] my duty to do. [illegible] [illegible] I have [illegible] [illegible] and me [illegible] report of progress, and after [illegible] [illegible] [illegible] I have [illegible] to [illegible] [illegible] [illegible] would be [illegible] [illegible] [illegible] mind and [illegible]

I have [illegible] any orders, [illegible] [illegible] satisfied that I [illegible] [illegible] [illegible] you are [illegible] [illegible]

inexperienced in the practical details of well sinking and boring; but that does not prevent, in the least, your being a very agreeable gentleman or even (so far as I know) an efficient assistant officer in the Public Works Department. I have many feelings towards you personally, since been at the Dalhousie, and I certainly feel greatly obliged to you for the trouble you have taken at various times in my behalf and for the kindly manner in which you have done for what your office required of you. There is nothing, therefore, to either side, but strong correspondence with Mr. Gill which I have given up by my hesitance ~~[illegible]~~ you had seen it yourself; although if we had got anything to oppose ~~[illegible]~~ your engineering [illegible] as I have done to your face.

At [illegible] is needless to remind you how have and [illegible] are [illegible] who do not shield responsibility in really doubtful and important cases until it is positively forced upon them. [illegible] belong to the small [illegible] and [illegible] in which have not hesitated to [illegible] at all times in regard to the boring, under [illegible] that the general director, if the Public Works Department, held one is [illegible] not answerable for the [illegible] management system. If this responsibility does not in any way rest on [illegible], [illegible] will be more pleasant; only I should [illegible] have the fact distinctly understood by all [illegible] indicated. If, on the other hand, any [illegible] is desired from me, I must beg that the fullest information possible [illegible] in my hands as the earliest possible date. I [illegible] to be important step in [illegible] than a direct and [illegible] correspondence with Mr. Gill; and in that case I would therefore beg you to ask Mr. Gill to resume this habit of [illegible] me letters.

I remain,

My dear Sir,

Yours very truly,

Benj. Smith Lyman

[Copy of letter from [illegible] Capt. [illegible] Lambert R. E.]

"Sunnybank, [illegible] [illegible] 1870. — My dear [illegible]: — I happened to call on Col. [illegible] the other day just after you had [illegible] him, and he explained to me at [illegible] length [illegible] I understood him [illegible] [illegible] [illegible] Sergeant [illegible] [illegible] required [illegible] [illegible] [illegible] [illegible] only acting [illegible] required [illegible] additional [illegible] [illegible] I told [illegible] [illegible] [illegible] [illegible] suppose [illegible] [illegible] Col. [illegible] [illegible] [illegible] again, [illegible] thought [illegible] [illegible] [illegible] [illegible] dissatisfied with any [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]!

"When I [illegible] [illegible] [illegible] after the [illegible] [illegible] [illegible] [illegible] I [illegible] Mr. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] that [illegible] [illegible] advice in regard to [illegible] [illegible] [illegible], so I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] letter, [illegible] [illegible] [illegible] [illegible]; [illegible] weekly report of progress, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a gentleman [illegible] dates. I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I [illegible] [illegible] would be pleasant for him in his [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] was [illegible] [illegible].

"I have [illegible] [illegible] [illegible] letters [illegible] [illegible] [illegible] any orders, [illegible] [illegible] [illegible] required [illegible] [illegible] [illegible] nothing more than [illegible]; for I supposed that [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] own responsibility. I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] wholly [illegible] in the practical [illegible] [illegible] [illegible] and [illegible]; but that does not [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

an extremely [illegible] officer in the Pacific Ocean [illegible]
I never felt any feeling towards you personally but [illegible]
nothing with the Pacific, and I can truly feel glad [illegible]
be gone for the time. I have taken at times a little [illegible]
on behalf and for the Pacific, more so in what you have done
for me with your [illegible] and [illegible] advice. There is nothing
therefore, on either side of my correspondence with Mr. Hill
which should have given you any displeasure, even if you
had seen it yourself; although I have sent it sometimes in
my letters to Mr. Hill the [illegible] your engineering phrases, as I have
done to myself.

I feel, perhaps, needless to remind you how rare
and precious are those men who do not shrink respecting
a really difficult and important case until it is notorious
for all eyes to see. It has been my ambition to be
one of these men, and with that in mind I have not hesitated to give my advice at all times in
regard to the Pacific, under the impression that the general
public, if not the Pacific Works Department, held me in some
[illegible] and a [illegible] for the proper management of them. If
this is so, my advice does not in any way rest on my shoulders,
but I only call to more plain and [illegible] it; only, I should
be very glad to have the facts distinctly ascertained by the
Pacific [illegible]. If, on the other hand, any advice which
is derived from me, I must beg that the fullest information
possible be placed in my hands at the earliest possible date.
I can think of no more important step towards this than
a direct and active correspondence with Mr. Hill, and in
that case I also would therefore beg you to ask Mr. Hill to
[illegible] his best of all worthy to me letter. — Remain, my dear
Sir, yours very truly, [illegible]

Downing Street, 28 July, 1870

Mr Wittewjee Mahlay,
Sub Surveyor & Computer,
Murree.

Dear Sir:

Your favor of this morning is at hand.

I asked Col. Macleod some days ago to send word to you that I should not need your services again. He had he had before this sent word to the effect, and am sorry you should have had the trouble of writing.

Yours truly,
Geo. Frankland Lyon

Murree, 14 July, 187[illegible]

Mr H. R. Hill,
Supt Trigonometrical Survey,
Campbellpur, [illegible]

My dear Sir: Your very welcome favor of the [illegible] reached yesterday; and I am very glad to hear that you are in better health again, [illegible] congratulate you most heartily on the [illegible] of your [illegible]. I have a great dislike to Captain [illegible] [illegible] to intimate to you that you should otherwise [illegible] about the matter, as he seems therein [illegible] is apparently [illegible] from me now and [illegible], and your letter [illegible] [illegible] pained to see [illegible] in giving such advice. I have written to him on the subject and think he will [illegible] if you overcome your hasty spirit [illegible]. There is another thing in my letter to him that you [illegible] have written to him or had communicated his investigation of our correspondence. I feel [illegible] I suspect that this is [illegible] [illegible] seems to my mind to [illegible] further [illegible]. He is unfortunately [illegible] and [illegible] strength, getting better [illegible] and may not write you for some days. It is important for me to have this information from you in an official way and in hand; [illegible] — [illegible] continue [illegible] of the data yields good [illegible] — Could you get [illegible] [illegible] [illegible] [illegible]

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[illegible] July [illegible]

[illegible] Mr Roberts,

[illegible]

My [illegible]

Capt Lambert has got well from his [illegible] and has [illegible] my letter to him [illegible]. He has evidently been distressed [illegible] corresponding directly with you, for he [illegible] it is not [illegible] [illegible]

[illegible]

I suppose the [illegible]

[illegible]

2

Monrovia [illegible] 2^d July, 18[illegible].

Dear [illegible]:

Although [illegible] beginning [illegible] a letter [illegible] in return.

Mr. [illegible] [illegible] [illegible] [illegible] [illegible] the little daughter [illegible] [illegible] [illegible] accompanied [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] upon the [illegible] of a [illegible] [illegible]. Perhaps you [illegible] [illegible] something [illegible] [illegible], [illegible] I [illegible] [illegible] [illegible] [illegible] fellow. I do not think [illegible] [illegible] [illegible] any [illegible], [illegible] [illegible] of two or three [illegible] [illegible] this change, [illegible] will not [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] might have been [illegible] [illegible]; [illegible] [illegible] would not [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible], or [illegible] [illegible] [illegible] [illegible] [illegible], or provision dealer [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] food. [illegible] [illegible] [illegible] [illegible] one or [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] there all day and [illegible] [illegible] [illegible] [illegible] [illegible] with three or four [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] and other kinds of [illegible] and [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible], [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. I [illegible] [illegible] great [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cents. [illegible] [illegible] you must [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], for most of my [illegible] [illegible] [illegible] [illegible] [illegible] three dollars a month [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] they were [illegible] disgusted to find [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] he was, perhaps, fifteen years old, and a very old-fashioned, [illegible] young fellow. [illegible] a couple of the children [illegible] [illegible] good [illegible] with all his might [illegible] [illegible] means had [illegible] of taken to beating him. So I went [illegible] and found the [illegible] in [illegible] one of them, and the [illegible] [illegible] a proper [illegible] was [illegible] that the night before had been carefully [illegible] up in one end of his dirty turban as twisted [illegible] of very good [illegible] cloth that [illegible] round his head in the shape of a turban. I [illegible] an inverse [illegible] matter [illegible] as far as [illegible] [illegible] with the [illegible] and [illegible] the ground there [illegible] rain. The boy [illegible] was [illegible] rolled by some one else in the [illegible] [illegible], may [illegible] suspected that have [illegible] man who slept in [illegible] and plan [illegible] the rafters among them. Some offering [illegible] had [illegible] being pilly, and it seemed a pity to [illegible] force [illegible] his [illegible] after they had been good natured enough [illegible] the [illegible] and slept there, instead of sleeping on [illegible] had been [illegible] the habit of [illegible] at first. The [illegible] [illegible] the men [illegible] willing, [illegible] to contribute their share [illegible] have it and everything had taken place there among them and [illegible] Kin good name. In that case and I, I will pay one half; [illegible] I thought this [illegible] would with the last as there was very little [illegible] overseer [illegible] them. I was never called on for any help, and I heard afterwards that [illegible] had [illegible] by the injections alone after the [illegible] wrapperman. He with his daughter had slept in one room after the [illegible] [illegible] the [illegible] was that it had been done by the little boy [illegible] other brother who slept close beside him, which the other slept on the [illegible] side of the bed. This [illegible] proved hard to prove [illegible] younger [illegible] [illegible] the night before had could not [illegible] [illegible] [illegible] looked bad enough to do anything after [illegible] and it was [illegible] almost possible that the convulsions had been [illegible] [illegible] a [illegible] been the [illegible]; they are up to [illegible] tricks in this [illegible]. But the [illegible] [illegible] very [illegible] [illegible] and [illegible] [illegible]. A few days after that we moved [illegible] [illegible] [illegible] "other" [illegible] [illegible] [illegible]

come so far from home, accidentally as we took left a boiling pot
[illegible] position [illegible] the Jungle [illegible] [illegible]
had done before that they should send an [illegible] one of them was
[illegible] to the Indian [illegible] food for all, and so get it round the
[illegible]. It seemed a [illegible] to send two men, because some were
[illegible] and some [illegible] and they are [illegible] of
often in regard to food and especially water, and let they [illegible]
their [illegible]. The scheme had failed [illegible] before, [illegible]
as it turned out, of the worst kind. [illegible] the groom that [illegible]
the [illegible] and [illegible] for they could, but as [illegible] they
could not [illegible] the other, and finally they agreed to [illegible]
[illegible] and one other man. They [illegible] with [illegible] from the [illegible]
[illegible] of [illegible] at [illegible] half [illegible] [illegible] the [illegible] is
[illegible] only [illegible] and the [illegible] were [illegible] with
the [illegible], and [illegible] were [illegible] [illegible]
[illegible] enough for four or five days [illegible] [illegible]
[illegible] mistake [illegible] hunting, and all liked the [illegible] very
[illegible] for they [illegible] their food cheaper, and [illegible] [illegible]
[illegible] with the [illegible]. [illegible] day [illegible]
[illegible] and found that our [illegible] had [illegible] [illegible]
[illegible] of his old accounts settled up, for he had [illegible] [illegible]
[illegible]. I should have mentioned that under the [illegible] [illegible]
[illegible] he had a large book of [illegible] paper half rolled [illegible]
him and he entered all his transactions in it in [illegible] [illegible]
[illegible]. It seems there was some difference of opinion [illegible]
[illegible], but after a long time all [illegible] [illegible], and I was [illegible]
that the [illegible] were had been settled in the [illegible]. The [illegible]
had charged him a [illegible] price than the [illegible] thought [illegible]
[illegible], and after a long dispute the [illegible] asked him at last if he
was willing to swear on oath that he did [illegible] [illegible]. No, he was
not, [illegible] but was the [illegible] willing to swear on oath? Yes, he
went to the [illegible] book of a [illegible] full of [illegible], the [illegible]
[illegible] but [illegible] and the [illegible] [illegible] [illegible] [illegible]
and that [illegible] [illegible] [illegible]. [illegible] the [illegible], [illegible]
[illegible], [illegible] [illegible] the money under [illegible] circumstances,
[illegible] he was [illegible] [illegible]; and the [illegible]
[illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] the [illegible]
[illegible] of a [illegible] [illegible] [illegible], and he [illegible] that [illegible]
[illegible] [illegible] [illegible] which he [illegible] [illegible] only [illegible]

[illegible] visited some by the Baboo. It was a hot day, the [illegible] were [illegible] to the shade, and we were making a [illegible] along the banks of the [illegible] near [illegible]. The [illegible], [illegible] a little colt, that a poor woman crying bitterly and she [illegible] that she had been carrying a pot of milk on her head when [illegible] men [illegible] and [illegible] the milk from her and [illegible]. The [illegible] man was one of the [illegible] and the two others were high caste brahmins [illegible] did not [illegible] the charge and said they could not go all day in the [illegible] without drinking [illegible], and moreover they had paid the woman something for the milk, what they thought was fair, but [illegible] the [illegible] was. The Baboo said he had given her two [illegible] and had [illegible] satisfied. [illegible] a severe judge [illegible] [illegible] one [illegible], to be taken out of the [illegible] [illegible] the end of the month. [illegible] [illegible] by the [illegible] gentleman, a missionary, that [illegible] people have fined their servants a rupee or two [illegible] for the [illegible] of beating them when they thought fit with the agreement that should be no legal proceedings beyond [illegible] punish their servants by fines to be taken from their [illegible], and [illegible] sometimes gives rise to legal disputes, although the [illegible] commonly [illegible] full pay if he chooses [illegible] [illegible] fines, but a [illegible] of dismissal. I invented the plan of [illegible] a certain [illegible] [illegible], about one [illegible] of the wages [illegible] that the [illegible] should come [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] for [illegible] [illegible] [illegible] [illegible] which is a great [illegible]. The wages are small and the [illegible] is small, but I give it as much as possible with an air of [illegible] a small fortune, and the recipients [illegible] delighted [illegible]; [illegible] that I may [illegible] Governor General [illegible]. I can imagine how your father [illegible] [illegible] [illegible] [illegible] the [illegible], but [illegible] bear in mind that they live [illegible] comfortably [illegible], [illegible] about one dollar a month, [illegible] that they do [illegible] very little work, [illegible], [illegible] [illegible] [illegible] more than a good [illegible]

Monroe, [illegible] 1[illegible], 18[illegible]

Messrs. Bhugwan Lall & Co.,
Book Makers,
Lucknow.

Gentlemen:

Please send me one of your printed price lists of books, and oblige

Yours truly
Benj. Smith Lyman.

Lancaster, Penna., 2[illegible] July 18[illegible].

Col. R. Meadows R. E.
&c. &c.

My dear Sir:

You require a little above our scientific institutions. The Smithsonian is the only one that can be called National that has a museum. It is large in its origin but confined to the care of our Government. It has now I believe only a museum of natural history and ethnological objects; to make time a great fire a few years ago are lost in the "Congressional Library," still the most the largest in the country, and the only National one. The National Academy established some dozen years ago is a society started after the French Revolution, but has no collections. Agassiz's Natural History Museum ("Museum of Comparative Zoology") is now quite large and well filled, and is in Cambridge but under the control of the Harvard University National. Practically speaking

Lenox Branch; 25 July, 1870.

To the Manager
Mt. Pleasant Bank, Iowa.

Dear Sir:

Please perform for me a service as Calendar for the 1050 or 1070 pattern, if you can, and I will call for it this afternoon before from delay, and pay you what it may cost. This may inconvenience you a little, but I hope it will be early as I have orders.

Yours truly
Benj. Pratt Lyman.

Lenox Branch; 25 July, 1870.

Messrs. Baker & Burke
Photographers
Lenox Ia.

Gentlemen:

Enclosed please find a check in your favor on the Mt. Pleasant Bank, in payment of your bill for frames, glass and packing boxes received.

I am misunderstood you on the matter some weeks ago. I did not wish to order the replacement frames, only a place for it in the Gallery, in case it should be wanted at some future time.

Yours truly
Benj. Pratt Lyman.

[illegible] Pay [illegible], [illegible] 1[illegible]

[illegible]

[illegible]

Gentlemen,

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Morris, Pennsylvania, 26 juillet [illegible]

Monsieur [illegible],
[illegible] à Paris,

Monsieur [illegible]

[illegible]

[illegible]

Les cinq cent [illegible] que j'ai [illegible] [illegible] je serais bien content [illegible] [illegible] [illegible] [illegible] avez-vous [illegible] [illegible] Jusqu'à [illegible] que vous [illegible] un dernier [illegible] [illegible] et qu'elle [illegible] [illegible] d'avoir [illegible] [illegible] [illegible] [illegible] gagnant la vie.

[illegible] envoyé cette lettre [illegible] [illegible] [illegible] [illegible]

Après le [illegible] de Marseille j'ai passé d'abord à Alexandrie, puis [illegible] chemin de fer [illegible], puis par le [illegible]
à Bombay [illegible]
[illegible]
de la [illegible] de Bombay [illegible]
Calcutta où je suis arrivé [illegible]
[illegible]
le [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Cette [illegible]
[illegible] de Himalaya, [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] les plus [illegible]
[illegible] blancs. [illegible]
Calcutta [illegible]
[illegible]
[illegible]
[illegible]
[illegible] le port est [illegible]
[illegible]
[illegible]
Vous [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] 27th July 1870.

Messrs. Baker, Smith,
[illegible].

Gentlemen:

I thank you for sending
the [illegible] farmer's book [illegible]
[illegible] and [illegible]
[illegible] commendable.

[illegible]

Mr. [illegible] will place [illegible]
[illegible] if he has not already
[illegible] attention. It will
[illegible] to pay [illegible] in the U.S.
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] of the war. And in the Cossacks coming from the north, and Cashmere and Cabul are the chief hitters to keep them off. There was a rumor here the other day that the Russian movement had been temporarily with the of Cashmere which is a feudatory of the British and not merely an ally. Cashmere was conquered by the Sikhs along with the Punjab. Some twenty years ago and was granted to the present rajah who lends them in paying a certain amount of money and an annual tribute of [illegible] value. Being the summer there has been an [illegible] in Cashmere, but they say there is nothing of it has been there in the winter. On Monday [illegible] the north [illegible] Sir Henry Lawrence, in his last [illegible] Pelissier, posted off from here by forced march to make the Rajah a visit, [illegible] not yet come back. Some said it was on account of these Russian rumors. Others said that it was on account of the Punjab, that they wanted to arrange for a permanent resident there, or [illegible] the Rajah. Gen. [illegible] is the one [illegible] of the Punjab. Gen. Pelissier seemed [illegible] we could hear in town being [illegible] telegrams are sent here in [illegible] the Sepoys [illegible] and they are in the [illegible] generally [illegible] from month to month. But all we get is very [illegible] Sepoy newspaper [illegible] of Lahore, a [illegible] weekly, and it takes ten days for it to come, and it has the [illegible] telegrams up to a day or two before its date. It has [illegible] special subscribers a list of the telegrams daily. Some of my neighbors in the house here take both the paper and the telegrams and are very kind in sending them to me to read.

I am [illegible] up the information you sent me about your various friends in hopes of being able to give it some day in Calcutta when I meet the Eldridges. I shall very likely go there in October on my way to Darjeeling, but it is doubtful whether they will be there then, as every body that can stays at Simla or some other hill station through the hot season until they go there. [illegible] Give them all my love.

Your affectionate brother Benj. Smith Lyman.

[illegible]

[illegible] Feb. 8th 1[illegible]

[illegible]

[illegible] Rangoon, [illegible]

To the Chairman
of the Bengal Team,
[illegible]

Dear Sir:

Please [illegible] the enclosed
check for [illegible] to the bearer
Rs, hoped by name, and oblige

Very truly,
Benj. [illegible]

Lincoln Park, [illegible]

Mr. T. Powell,
Lincoln.

Sir:

In accordance with your bill for the past month, I send herewith a check on the Capital Bank, Cleveland, for the full amount (Rs. 40). It is hard to fill the bill, and [illegible]

Yours truly,
Benj. Smith Lyman

[illegible]

[illegible] 36000 or 37000 [illegible] on each side [illegible] and health [illegible] fortifications [illegible] called [illegible] in [illegible] day. [illegible] no news that [illegible] with a [illegible] days. [illegible] Benj. Smith Lyman

Dr. J. F. Miller

[illegible]

[illegible] 1870.

Sunday

[illegible]

[illegible]

Dr. Sir Francis

Mr. Cumberland's Esq. Marie

Sir:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Yours truly,

[illegible]

Stirling, Ky. 28th August, 1862

My dear Father,

[illegible]

[illegible]

Calcutta, [illegible] 1870.
[illegible] Street, Calcutta

Mon cher Frère,

Je vous envoie ci-dedans la seconde partie de la lettre de change à Messrs. Arles Dufour & Co., de Lyon, payable à leur bureau dans Paris pour cinq cents francs (F. 500), payable trente jours après vue. Je vous ai déjà envoyé la première partie il y a deux jours, et vous l'avez probablement déjà reçue à cette date. Les banquiers en négocient. Si par hasard vous ne l'avez pas encore reçue avec la lettre qui l'accompagnait, je en envoie répéter ici ce que j'ai dit à l'égard de leur [illegible] l'argent. Il est un cadeau pour vous et madame Fraser. Vous savez bien que je vous ai toujours donné à vous deux des cadeaux [illegible], et il n'y a pas de condition à l'égard de son emploi. Cependant j'ai dit que si vous n'avez pas vous-même ni le reste de la famille grand besoin de l'argent d'une manière, comme Mesdames, il serait bien beau de se servir de tout l'argent ou bien de quelque chose pour continuer plus longtemps l'éducation de la petite Emma à l'école. Vous savez que vous avez dit qu'elle devrait quitter cette maison. Il est pourtant bien possible que vous ayez quelque grand besoin de l'argent, peut-être vous-même, peut-être Madame Fraser, peut-être aussi vous voudrez aider l'un des jeunes petits enfants à se remplacer. Dans le cas d'un ou autre cas vous avez dit qu'il avait déjà assez mis de côté pour cela, mais maintenant qu'il y a de la guerre je crois le remplacement devra grand doute plus élevé. Dans tout les cas je crois que vous [illegible] vous passer de l'argent bien agréablement, et alors il n'y aura pas d'angoisse que je vous en voule (ni dans le mot français) à cause de la manière de dépenser à petit fonds. Si vous et madame Fraser ne vous sont pas de mauvais avis au sujet de l'emploi de l'argent vous pouvez lui en donner la moitié, et puis chacun d'eux en aura comme il voudra. Vous aurez le reste de moi bientôt pour dire que la lettre vous est parvenue. Mon adresse reste toujours la même (Benj. Smith Lyman, Mining Engineer, Public Works Department of India, Calcutta)

J'ai lu dernièrement un livre français bien intéressant, le "Souvenir d'un voyage dans la Tartarie et le Thibet" par M. Huc, ancien missionaire. Ce livre donne une idée bien nette de quelques pays étrangers et lointains, qui sont extrêmement bien différents de ceux-ci et pourtant leur ressemble un peu. M. Huc a aussi écrit un beau livre de voyages dans [illegible] voyage à travers les deux Amériques. Il est bien probable que je ne parviendrai jamais à voir ces pays, mais je crois que [illegible] bien [illegible]

Benj. Smith Lyman

[illegible] 1870.

[illegible] Manager of the Punjab Bank,
Murree.

Dear Sir,

Enclosed please find Capt. Lambert's Cheque No. [illegible], for Rs. [illegible] on the Murree Treasury by [illegible] which you will kindly credit on your bank for Rs. [illegible] (Rs. 116 [illegible]/370) a rupee and fifty rupees and eight annas. [illegible] Please send me a draft on Calcutta for two hundred and fifty rupees [illegible] the one hundred rupees [illegible].

Yours truly
(Sd.) [illegible]

[illegible] the receipt of the account [illegible] to your [illegible]

[illegible], 1871.

Simla, [illegible] 1870.

Capt. R. Lambert R.E.
Executive Engineer
Murree.

Dear Sir,

I have to acknowledge with thanks the receipt of your cheque No. 71 on the Murree Treasury for [illegible] for July, 1870; and the [illegible] in duplicate [illegible] the bank receipt [illegible].

[illegible]

[illegible]

[illegible]

My dear Sir:

[illegible] the eighth and twelfth [illegible] [illegible]

[illegible]

[illegible]

Murree, Punjab, 25th Sep. 1876.

Messrs. Tolles & Bourke,
Alumna.

Gentlemen:

Your favors discovering with the [illegible] are to hand. In your last letter you [illegible] that they would be Rs 1/8 apiece, and stated [illegible] would come [illegible] than [illegible]. As it is I will take only twenty [illegible] and send you a check for sixty rupees on the Bengal and Burma Bank. I also [illegible] seventeen photographs for 6/2 rupees. Altogether there were forty-one [illegible] of forty [illegible].

I will call [illegible] to get the [illegible] when I have time [illegible] at your [illegible] other places in India, of which I will [illegible] [illegible].

Yours truly,
Benj. Smith Lyman

Mr. Bourke:

Dear sir and friend [illegible] at hand. Many thanks. It is [illegible] the year [illegible] and is probably a little early [illegible] you [illegible] and [illegible] you first [illegible] and [illegible] when you come to the [illegible] down [illegible] I shall.

[illegible] and [illegible] of the [illegible] for the year. [illegible] keep [illegible] all [illegible] it [illegible] and come [illegible] [illegible] anything I can

Very truly yours,
Benj. Smith Lyman

Navy Dept., 26 Aug. 1870.

[illegible] Yardin
Asst. Commissioner,
[illegible]

Dear Sir:

A Chief [illegible] having a chapter headed "Sheriffs, [illegible], &c." comes [illegible] [illegible] [illegible] [illegible] [illegible] been [illegible] on [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] day, [illegible] [illegible] [illegible]. The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] may have been misled into cutting it by [illegible].

[illegible] you with this [illegible] merely to say the [illegible] [illegible] has been with me [illegible] months and has always seemed to be of good character, and he came to me well recommended from his last master, [illegible] Bradford, Massachusetts. I [illegible] [illegible] of [illegible] that if there must be any punishment it may be as light as possible, especially [illegible] [illegible] a reprimand [illegible] fine; for the [illegible] [illegible] [illegible] are [illegible] [illegible] a [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

Mr. H. B. Hill, [illegible]

Dear Sir: [illegible]

[illegible]

[illegible], Massowa, 31 [illegible]

Capt. P. Lambert(?) R.E.

Expedition Engineer,

Massowa.

Dear Sir:

Your favor of today is just at hand. I arrived at Bombay on Sunday the sixteenth of January last.

Yours truly,

Benj. Hill(?) Engineer

[illegible] 1870.

[illegible]

[illegible]

My [illegible]:

I can get [illegible] very well [illegible] the paragraph and return it [illegible] the same condition as when it came [illegible] believe. I am very much obliged [illegible] for the [illegible] you [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible] 870.

The French and Germans [illegible]
north of Rheims near the [illegible] and
the French army [illegible] about 150,000 [illegible]
and about 250,000 [illegible]
in the last battle, from Germany [illegible]
afternoon, and [illegible] been [illegible]
[illegible]. The Germans [illegible]
[illegible] army in [illegible], and [illegible]
[illegible] and the [illegible] army in [illegible]
[illegible] have [illegible]
[illegible] the Emperor [illegible]
[illegible]
[illegible] in Paris, the Emperor [illegible]
[illegible] the Prince Imperial has
[illegible] times! I hope
[illegible] the Emperor will
[illegible] France again [illegible]
[illegible] battle has been
[illegible] like [illegible]
[illegible] French are greatly outnumbered [illegible],
[illegible]

Simla, Sept. 13th 1893.

Messrs. Thacker, Spink & Co.
Calcutta.

Gentlemen: I have acknowledge with thanks the receipt from Post Office, and enclosing a Bill of Exchange, No 676, on the Bank of London in my favor for rupees [illegible] [illegible] at the [illegible] rate of exchange

Very truly yours.
[illegible]

[illegible]

Mussoorie, 2d Sept 1870.

[illegible]

My dear [illegible] [illegible]

[illegible]

[illegible] 14 [illegible]

[illegible], [illegible]

Dear Baboo:

Your favor of the [illegible] came to hand, and I am glad to [illegible] that you are to have a place of [illegible] rupees a month [illegible]. I am sorry that you have been [illegible] [illegible]

[illegible] better fitted for higher [illegible]

[illegible]

[illegible] remember [illegible] Capt. Lambert [illegible] the coming cold weather [illegible]

Add. [illegible] Public works Department [illegible] 250

[illegible], [illegible] 13 Sept [18]73?

[illegible]:

[illegible] favour of [illegible] July came to hand [illegible] straight [illegible] in spite of [illegible] address [illegible] the office of [illegible] of Bengal? and the [illegible] Asansol? [illegible] came to [illegible] circular address [illegible] the Public Works Department [illegible] Bengal [illegible] Public Works Department. However [illegible] population of [illegible] being more than that [illegible] city [illegible] (100,000), [illegible] will remember [illegible] without [illegible] reference [illegible] [illegible] a heat of 83½ [illegible] Pundits? [illegible] again [illegible] [illegible] 113° [illegible] several days [illegible] morning [illegible] only 87° [illegible] very [illegible] comfort. However the [illegible] over 115° [illegible] probably than [illegible] Philadelphia [illegible] [illegible] very hard work [illegible] and although [illegible] [illegible] headache [illegible] [illegible] your [illegible] think you [illegible] [illegible] [illegible] "Pardon? [illegible]" and "[illegible]" [illegible] [illegible] people [illegible] All your [illegible] and [illegible] very [illegible]. — I am [illegible] unable to give any answer [illegible] about the [illegible] [illegible] do not believe that [illegible] solid [illegible] [illegible] very [illegible] [illegible] [illegible]

[illegible] heretofore & their greater [illegible] in the mountains. These are but [illegible]
[illegible] hard [illegible] I've seen [illegible] that they are still going on a [illegible]
[illegible] the French [illegible] and [illegible] those [illegible] in the [illegible]
[illegible]. [illegible] I cannot but think
that the Indian nummulite will [illegible] be older than that of western
[illegible] but the Indian nummulite has been written about by [illegible]
[illegible] especially [illegible] and its fossils seen by [illegible]
[illegible] and [illegible]. Still the rocks of [illegible] (where the
[illegible] of this [illegible] have been made) are full of [illegible] nummulites
[illegible] the so-called nummulite
[illegible] in the place where are rocks
[illegible] by [illegible] and others from [illegible]
the Cretaceous [?]. Also at the place where I wrote you in [illegible]
[illegible] found [illegible] and which
[illegible] in [illegible] rock and that rock
[illegible] the same [illegible] as the nummulite
[illegible] by the same rocks and
[illegible] and [illegible] in like manner. [illegible]
[illegible] probably found what [illegible] called
[illegible] a day's ride [illegible], in
[illegible] called nummulite but perhaps [illegible]
[illegible] he would use the compass and [illegible]
[illegible] those roads; it would [illegible]
[illegible] and the
[illegible] fossils, but [illegible] the [illegible]
[illegible] I have [illegible]
[illegible]. He is a very good fellow, [illegible]
five years [illegible] with his wife
[illegible] or more years in India and [illegible]
[illegible] the [illegible]
[illegible] away from libraries and [illegible]
[illegible]. [illegible] palaeontological geology
[illegible]
[illegible]
[illegible] of landscapes. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] Geol. Survey for the year [illegible] and [illegible] to fifty four nineteen [illegible] and eleven [illegible] of proceedings [illegible] complete set of the Asiatic Society of Bengal has published at the Vol. VII, Part I of Royal octavo [illegible] at the 300 or 400 pages in each volume, price of all by the [illegible] (say £7.50); the Fauna of the Palaeontologia Indica, [illegible] of 250 quarto lithographed plates at 2s. 6d. or [illegible] with [illegible] larger [illegible] at the price of 2s. 6d. [illegible] of the Series V. 1–10 & Series VI. Parts 1–[illegible], each of which has been published 65½ rupees (say £3); also "Records" [illegible] at the Vol. III, part 3, about [illegible] one volume a year [illegible] at the end of 1870, 54 rupees (say £3); price of all [illegible] 53. – I will also try to arrange to effect an exchange with the Asiatic Society of Bengal, of which Sir [illegible] is President. You speak of it as a [illegible] Royal Asiatic Society [illegible] as signs of such a connection between the two. As Sec. of Bengal was friendly to Sir Wm. Jones in 1784, this [illegible] to effect an exchange with the Ceylon Society [illegible] you speak, but I fear it has never been heard before, and I [illegible] Government have a fund for such a lever in the matter. I should like however to be able sometime to survey the gulf [illegible] of Calcutta from which so many Rockhead specimens [illegible] for Walkenaëlls. – Indeed I should perhaps be willing to stay in India beyond my present term if the Government [illegible] the colony would make me the head of a Mining Department under the Public Works Department or the Forest Department [illegible]. The mineral resources of India are small compared with those of [illegible] which is so great that the salt, coal, black lead, rubies, gold, precious stones, and other metals and minerals really deserve the attention of a Mining Department. – I have to propose something of the sort, but I [illegible] instead of a [illegible] department like the Ordnance and as you are in correspondence with the Governor on the subject I have [illegible] here is no harm in my explaining my views here, as [illegible] of course [illegible] will [illegible] of the [illegible] [illegible] It seems to me that Pennsylvania is [illegible] as distinguished from a general [illegible]

[illegible] certain [illegible] 5 [illegible] before the survey should be [illegible] the would give [illegible] the public [illegible] as [illegible] [illegible] would be abandoned. On the other hand the whole country might be [illegible] not become personally interested in any mineral lands [illegible] [illegible] indifferently while working out the survey; and not to have [illegible] survey in the [illegible] year or any certain [illegible] [illegible] required as before and, that is, in fact, for nothing [illegible] [illegible] [illegible] [illegible] promotions from one grade to another should be determined [illegible] [illegible] [illegible] [illegible]

Norwich, Conn., 15 Sept. 1840

Edward Lay, Esq. Norfolk.

My dear Uncle:

Enclosed herewith please find the third of a bill of exchange (No 661) for one hundred pounds sterling on the Bank of London endorsed to you; likewise the first and second bills No 677 for like amount (£100) on the Savings also endorsed to you. The first and second of the former bill have long since reached you through Liverpool. Please keep the bills subject to Mr. J. Perkins or my further draft at three days sight for small expenses of mine in America, such as I may indicate to you. The value of the bills please invest for me as I indicated in my letter to Mr. Perkins or invest it as you prefer for me. In case of investment if you prefer not to divert a portion in direction I have only to recommend the purchase of United States bonds, as I think a better investment than any other I know of. Money is very high rate but it is safe and in this country it is impossible to watch the market of more than a day or two.

Thanking you in advance for the trouble that this will give you, and hoping you will give my love to your wife and family, I remain as ever

Your affectionate nephew
Edward Bright Lawrence.

[illegible]

[illegible] Esq. [illegible]

[illegible]

[illegible]

[illegible]

[illegible], [illegible]

[illegible]
[illegible] In charge of [illegible],
Camp [illegible]

My dear Sir:
[illegible] of the fourteenth and nineteenth [illegible] came duly to hand; and I [illegible] again, but hope you [illegible] by the time [illegible] is a very [illegible] [illegible] very [illegible] so many of your [illegible] sick. — [illegible] getting [illegible] as well as [illegible] of the [illegible] [illegible] I thought [illegible] would drive [illegible] [illegible] [illegible] [illegible] before [illegible] and the [illegible] [illegible] helped somewhat [illegible]

[illegible] and [illegible] [illegible] [illegible]

[illegible], 25 Sept. 1870.

My dear Wynne:

I am delighted to hear that you have got back safe at last. I have no letter for you, notwithstanding(?) [illegible] the one from you that you mention [illegible] the [illegible] order [illegible] back as [illegible] by mail. The order by the way should have led to you about this being my servant; for he neither was nor ever had been, but I have since found that he was lately discharged by one of our neighbours in the house here. The postmaster was sending your letters to Capt. Sargent; inquire of him. The marks on the letter the order [illegible] to you showed however that the Postmaster here had taken [illegible] sending your letter [illegible] [illegible]

[illegible]; 27 Sept. 1870.

Mr. H. R. [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible]

My dear Sir

[illegible] of the [illegible] with the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] soldiers [illegible] [illegible]. The Cannon balls are flying [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] off. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]; 28 Sept. 1870

My dear [illegible],

I send you herewith your [illegible] to take a look at him and to keep him if you like. A few days ago [illegible] [illegible] his back and neck against the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] with your [illegible] [illegible] [illegible] me, [illegible] if you have [illegible] [illegible] keep this [illegible] as well as your other [illegible]. [illegible] of them [illegible] [illegible] [illegible] your [illegible] [illegible] [illegible] you may send one of them [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] one of the [illegible] [illegible] and as he [illegible] [illegible] on the whole a very faithful [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] will [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and other things and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Murray Bank, [illegible] 1878

My dear Brigham

[illegible] to [illegible] and [illegible] herewith the [illegible] and the Lyon Power. The [illegible] paid up to the ninth [illegible] and I hope you will find it convenient to keep him in your service. He has a fine testimonial from me as you may see, as well as a little joke in it.

Hoping to see you in the course of the day as you promise I am

Very truly yours,

Benj. Smith Lyman

Denny Bank; 10th 1870.

My dear Lyme:

The Bais has picked a block for that Great Stack of the Cape hole. It is so far as I know it was all here at all. When the Cape horses were fitted he and the gray stood for a few minutes in front of my window and I remember seeing the two types change in various traffic, & from one horse to the other, blankets and bits on, while I not remember seeing the breakfast at, neither do any quite remember the horses looking on remember seeing it. I think I supposed it would have been quite from the Cape horse to the gray as the other [illegible]

[illegible]

Denny Bank;

[illegible]

[illegible]

[illegible] in favor of [illegible] the [illegible] a bill for [illegible] [illegible] paid [illegible] and, and please send [illegible] [illegible] on the Pay [illegible] [illegible] for forty rupees. Please [illegible] & bill, and oblige

Yours truly

[illegible] Lyme.

Sunny Bank, [illegible], 9 Feb. 59.

Col. R. Maclagan, R.E.
Secy to the Punjab Govt. &c. &c.

My dear Sir:

Your favor of day before yesterday came to hand yesterday [illegible] your wishes in regard to framing the maps shall be observed; but, [illegible] there may have been some misunderstanding of the matter, I beg to say that the framing [illegible] done wholly at my own expense, and that [illegible] to save the [illegible] expense of carriage of the framed maps to Calcutta and back again to Lahore [illegible] Although the advantages of framing [illegible] were still greater for the Government than for me, they framed [illegible] for myself [illegible] the expense, and [illegible] consideration in the matter. The frames were made [illegible] some weeks ago, but not only [illegible] the remaining [illegible] already framed can be taken out in a [illegible] was particularly desirable [illegible] framed [illegible] photographed; [illegible] consequence. I think [illegible] photographing [illegible] even if the Government should not care [illegible] expense [illegible] for its own benefit or for the benefit of the world at large, I [illegible] think [illegible] the privilege would be refused me to have a few copies taken in this way at my own expense for my own use. [illegible] interest [illegible] even if they are [illegible] perfect and of the Government [illegible] publicity [illegible] I hope still [illegible] friends and [illegible] in such matter. Indeed, [illegible] of the Government [illegible] good than [illegible] a great incentive to good work to bear in mind that what [illegible] is to come under the eyes of those throughout the world who are best able to judge of it. [illegible] to be pigeon holed.

After the maps are [illegible] Calcutta [illegible] will [illegible] here. They are not such maps as would be [illegible] different [illegible] it may be many years before [illegible] They would [illegible] preserved [illegible] in a [illegible] provided for them [illegible] in some [illegible]

[illegible]

Murree, Punjab; 3 Oct. 1870.

To H. R. Lyman Esq.
New York.

My dear Uncle:

Enclosed please find the second of exchange 678/ for [illegible] hundred pounds sterling [illegible] London, [illegible] Please [illegible] proceeds [illegible] as you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Thanking you in advance for your trouble in the matter and [illegible] my love to your family, I am as ever

Your affectionate nephew
Benj. Smith Lyman.

Murree, Punjab, 3 [illegible]

Dear Father:

I am glad [illegible] [illegible] that she feels [illegible] [illegible] [illegible] [illegible] that you will [illegible] Uncle Edward for me for the [illegible] that I [illegible] [illegible] Edward has [illegible] in London [illegible] and I have [illegible] [illegible] your [illegible]

Your affectionate son
Benj. Smith Lyman.

I have been delighted to learn that you [illegible] are doing so well this summer.

Denver, 5 Oct. 1870.

[illegible]

[illegible]

My dear Sir:

[illegible]

Army Camp, 5 Oct. 1870.

[illegible]

[illegible]

Dear Sir:

Will you be so kind as to inform me:

1. Whether I can book from five minutes after [illegible] to Denver by Pullman train?

2. If so, how soon will the Pullman train be running on this train?

3. How many days will be needed for this journey?

4. Can they be at the Chicago depot [illegible] in the evening?

5. About what is the price per mile for sending [illegible]?

6. Could I [illegible] Chicago through [illegible] by Kansas Pacific or Indiana through [illegible] your [illegible]?

7. Is there any difficulty in finding room for [illegible] in the Pullman train [illegible] days?

Very kindly [illegible]

Cooper's Bank, [illegible]

[illegible] R. Mackenzie Esq.

Sergt. Major [illegible] &c.

My dear Sir,

Your favors of the third and fourth ult. to hand, & have carefully filed. Many thanks.

Yours very truly

[illegible] Smith Spencer.

The bearer of this, Goodwin, has been my waiter for four months and is now soon to be discharged on account of being going to Cuba &c. He is quite bright, talks English a little, & attentive to his duties as waiter. Masters of the mysterious arts of this profession, and in my opinion worthy of credit. His chief fault seems to be a youthful impressiveness that leads him into various difficulties, but especially into debt for the support of numerous relations [illegible] come about him.

Benj. Smith Spencer.

[illegible]

Murree Bank; 6 Oct. 187[illegible]

To the Post Master,
at Murree.

Dear Sir:

Please send the three packages of plants that go with this to Lahore by Railway train, as soon as possible. I will pay for their carriage at Lahore.

Yours truly
[illegible]

Murree, Punjab; 7 Oct 187[illegible]

To the Post Master
at Sreenuggur, Cashmere.

Dear Sir:

Enclosed, please find five rupees worth of Indian [illegible] stamps. You will very greatly oblige if you will send in return a like value of Cashmere postage stamps of all kinds making as many complete sets as possible (say four or more) and reserving if you please a commission for yourself. If you should prefer not to trouble yourself in this way, please return the enclosed stamps but in either case please register the answer and affix the needful stamps for that purpose from the embark here with.

Thanking you in advance for your trouble I am

Yours truly
[illegible]

Aurnee, 10 Oct. 1870.

Mr H. R. Hill,

Sergeant Inst. Hill, in charge of Boring,
Campbellsunder, North Queensland

Dear Sir,

Your favour enclosing the bill of expenses in boring the bands. I fear it will be a long job if the rock should be found to be very hard. It will grow more and more difficult as you go on. Could you not protect the timber from the weather by a few pieces of board and small timber? For I understand you state the casings have all or most of them been made of one piece of sawn out board, spiked together with the ends (the thickness of the piece is square) and kept in place on the opposite sides (d) by cross pieces (b) against which other cross pieces are nailed at right angles (c) and tightly with the help of wedges (a). Suppose this frame above or below this, the other boards on the other sides (e) might be kept in place by similar cross pieces, cross pieces on the plan (f) parallel to and by other cross pieces at right angles to the plan (g). I think of such a plan as this, supposing the whole should be boxed a few weeks ago, it have cost nothing in sight perhaps if you should suppose some small thing other than you think you could carry if offered. Nothing you do the if any bodies should get serious by falling down, time is more in making other than simple the very much blamed. I am sorry that has so happened that you will be to 3 should double 3 4 as every [illegible] is a mile as another stopping is should be done before [illegible] board, to say nothing of No. 2. Still the quantity [illegible] you find in boring the bands, some [illegible] [illegible]

Murree; 13 Oct. 1870.

Capt. R. Lambert R.E.

Exec. Engineer, R. Pindee.

Dear Sir:

I have to acknowledge with thanks the receipt of your favor of yesterday enclosing your Check No. 150 M in my favor on the Murree Treasury for Rs. 1210/15/0 on account of my salary for the [illegible], 5 Wing Sections here with the duplicate acquittance duly receipted.

It will give me pleasure to settle the bill with you as you propose; and it will indeed be quite convenient for me to do so. Wait the time of your return to Pindee for the 20th you say, perhaps until the 21st or 22d if does convenient to you. I have for some time past daily expecting to hear something about my future movements, which at last accounts had not been finally decided upon; and no doubt before the 20th of this month I shall more definitely know what they will be [illegible].

Simla Bank; 13 Oct. 1870.

To the Manager of the Punjab Bank,
Murree Branch.

Dear Sir:

Enclosed please find Capt. Lambert's Check No. 150 M on the Murree Treasury in my favor, endorsed to you, for twelve hundred and ten rupees and fifteen annas. Please place the same to my credit and oblige

Yours very truly,
Benj. Smith Lyman.

[illegible] Aug. [illegible]

Dear Mary:

The receipt of your letter of the [illegible] of August [illegible] acknowledged a fortnight ago in a letter to mother. My [illegible] letter should have come to hand yesterday but nothing came here [illegible] newspapers [illegible] Germany [illegible] correspondence [illegible]. [illegible] any [illegible] or more likely [illegible] the [illegible] German [illegible] and [illegible] many [illegible] [illegible] would [illegible] [illegible] [illegible] [illegible] you will [illegible] the German work, although the circumstances [illegible] have [illegible] [illegible] an [illegible] work would deserve, and I [illegible] [illegible] be [illegible] return [illegible] [illegible] [illegible] [illegible] publication [illegible] [illegible] your [illegible] and [illegible] [illegible] more [illegible] [illegible] [illegible] you should [illegible]. The increased [illegible] of Russia and Germany [illegible] will [illegible] tend to increase the study of the German [illegible] which will not only encourage the publication of such works [illegible] but will add to the [illegible] of those who [illegible] for [illegible] [illegible] way. [illegible] not [illegible] of the book will [illegible] of the German language, [illegible] [illegible] and [illegible] of that of [illegible], and [illegible] in [illegible] will be enough to [illegible] you with [illegible]. I [illegible] along with [illegible] [illegible] [illegible] for the [illegible] of your work [illegible].

My [illegible] [illegible] [illegible] and [illegible] I expect to [illegible] [illegible] [illegible]. After that I shall have to [illegible] [illegible] and [illegible] [illegible] [illegible] Calcutta, and [illegible] I heard about future movements [illegible] they had not yet [illegible]. [illegible] I shall be in Calcutta [illegible] or so, [illegible] [illegible]. After that it is [illegible] [illegible] [illegible] [illegible] possible that [illegible] may be [illegible]

[illegible]

Ivory Banks, 18 Oct. 1870.

Mr. Corbyn
Asst. Commissioner,
Mumee.

Dear Sir,

A policeman wishes to take before you my [illegible], Goodliad, on suspicion of [illegible] a blanket from Major [illegible]. Goodliad has been with me four months, he is quite bright and has been attentive to his duties, and has given me the impression that he was [illegible] honest. This impression has been [illegible] [illegible] [illegible] honesty [illegible] [illegible]

[illegible]

about the house [illegible] going with the [illegible] one night when a number of [illegible] were gambling together [illegible] [illegible] brought small charges against Goodliad, but on sifting them they have proved not very serious charges or else quite wanting in evidence to uphold them. Nothing [illegible] the charge in this case may prove groundless, I remain, dear Sir,

Very respectfully yours
Benj. Smith Lyman.

P.S. 23 Oct. 1870. — The policeman concluded after this letter was written that the evidence was too little to bring Goodliad to [illegible] & the affair was put off for a few days at least. I leave this letter with Goodliad in case he should be brought before you [illegible] after my departure.

Benj. Smith Lyman.

Sunny Bank, 18 Oct. 1893.

Capt. Chambert R.E.
Exec. Engineer, Murree.

Dear Sir:

I find it will be more convenient for me to visit Pattiala going next Monday (24th) than on the 21st or 22d. Will that day suit you too? If you will be at Murree for the sake of consulting me about the place for future boring or anything of that kind, I can answer questions on these points better now in the office by means of the map, and so save the journey. — Capt. Macleod told me yesterday that he had still no information as to my future movements, but that his trip to Pattiala would not interfere with them. He also said that perhaps you could on your return to Pindee from here find some babu who could write and understand English well to copy my report in case after my arrival there next Saturday or Sunday, if you could do so it would be a great advantage.

Yours truly,
Benj. Smith Lyman.

Sunny Bank, 19 Oct. 1893.

To Messrs. of the Punjab Bank,
Murree Branch.

Dear Sirs,

Enclosed please find a check No. 271 on your bank for one hundred rupees, which please pay to my servant Gopal. — I am going to leave Murree next Sunday, and should be obliged if you will settle up my account with you on Saturday before two o'clock. If the bank is to be closed on that day for a holiday please let me know. I shall probably call for a Calcutta draft for one thousand rupees then, and for the balance of my account in bank note.

Yours very truly,
Benj. Smith Lyman.

Army Bank, 21st [illegible]

Alex. P. Parell, Esquire.

Sir:

Enclosed please find a check on the [illegible] Bank [illegible] for $[illegible] to pay your bill. Please find receipt [illegible] and bring from [illegible] and hand to my account [illegible]

[illegible] I have seen my dhobi for the weeks and is now in large & newly [illegible] [illegible] going away from the [illegible] country. He washes very well and irons very well and does it all very quickly; and he seems to be [illegible] good tempered and bright, and so far as I know, honest.

Very truly yours,
[illegible] Lieut. Colonel Engineers.

[illegible], 22d [illegible] taken into my service a second time as dhobi and staid with me more than two months, and then left me at his own request to take more permanent service with a gentleman who was going to Cashmere. As I am now leaving the land the country I wish to say [illegible] and irons very well and is, so far as I know, honest.

[illegible]

Trowbridge has been my steersman for
from four months and is now discharged
because of my departure from this region
He has been attentive to his duties and
careful. He is uncommonly bright and quick
given me throughout the journey. He is
unusually tired. He is however quite
young and sometimes a little impudent
but on the whole a good servant and I
am sorry to part with him.

Benj: Smith Lyman

Murree: 25 Feb 1866

I have today given to Gordial, Sweeper as a parting present an old spoon and fork, a plate, a degcha, and formerly an old black coat; this certificate is to show that the things have not been stolen by him

Benj: Smith Lyman

Murree - 28 Oct. 1873.

I have today given to Sher Khan, my cook, one old kettle and a spare stove as a parting gift; this is to show that they are not stolen.

Benj: Smith Lyman

Murree, 2[illegible]

Rawlings Hotel, [illegible]
23 Oct. [illegible]

My dear Wynne:

Pray don't start off bright and early Monday morning for the Salt Range before I can get round to see you. I hope to come down from Murree in the mail cart and get on to Murree and be ready to leave on the morrow. Perhaps I may see you this evening for even a few minutes. Pack I wish to see you before you start the Salt even if it were only for some Shikhar. I shall very likely go out to Lawda again day after tomorrow and may after that go right on to Khetar, or perhaps stay here for a few days to get some supplies down. But I fancy it will be easier to find supplies at Lawda [illegible]

[illegible]

Rawul Pindee; 24 Oct. 1870.

To the Post master at Umballa:

Dear Sir:

Please forward my letter and newspapers to Lahore (inclosed of to Murree), and oblige

Yours respectfully

Benj. Smith - Gen.

Rawul Pindee; 24 Oct. 1870.

To the Post Master

at Calcutta.

Dear Sir:

Please keep all letters and [illegible] until [illegible]

Rawalpindee Hotel, Rawul Pindee: 24 Oct. 1870.

Capt. P. Lambert R.E.

Esqr. Engineer.

Dear Sir:

I arrived here last night, and should be happy to meet you whenever convenient to you. On Saturday I hinted to Col. Maclagan that the saving of time might make it worth while to give up the contemplating trip if you did not care for it after an interview here; but he seemed to think it would be more satisfactory to the Government also to have me see the boring again before going back, so as to give the exact results to them. — I am going to breakfast at Mr. Wigram's and will send this over to you from there, and if convenient to you call on you about noon.

Lawrence's Hotel, 24 Oct. 1870
12 P.M.

Capt. P. Lambert R.E.
Exec. Engineer

Dear Sir,

Mr. Lawrence says I can take his buggy and two horses for the drive to Pattiagong tomorrow, and that he will send one horse out to Hoffal tonight. In this case perhaps you will find it most convenient to go all the way in the buggy and not send your saddle horse out at all. I will have the buggy sent round for you at half a hour before you come tomorrow morning and you can then pick me up on the way.

Yours truly,
[illegible]

Mohamed Ali has served me nearly two months as grass cutter and woodcutter in Rangoon and is now discharged merely because I am going away to a distance. He has always been a faithful servant, quiet and willing as a table, and has always seemed quite honest; and it gives me pleasure to recommend him as highly as I can.

Guy Smith Lyman.

Kamel Pagoda, 26 Oct. 1870.

Lordship's, 26th Oct. 1870.

Capt. R. Lambert R.E.

Dear Sir:

Your favor of yesterday with the Pamphlet is just handed me. It lay at home when I left for Paris, and I have not had time to read it, or to do much more than glance at it. I hope you will be able to give me a few words in it. [illegible] I have been [illegible] to Paris [illegible]

[illegible]

Lieut. Col. Lambert, 26 Oct. 1870.

Mr. R. R. Hill

Dept. S. & M. in Alnwick Castle

Now in Newcastle

My dear Sir:

Your favor of the 24th with Lieutenant Report came to hand today, and your favor of the 17th came shortly after and I thank you very much. I am very sorry to see that you have been [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] yesterday, but I trust you will have been [illegible] [illegible] weather is getting better.

I have today got the [illegible] time for my [illegible] with you in regard to your news after being [illegible] for two or three weeks. Paris and [illegible] still and the Prussians say they are nearly ready to begin [illegible] the forts outside of Paris; there is some talk of [illegible] and the French demands [illegible] Jules Favre (Chief minister of the [illegible]) [illegible] peace terms [illegible] the Prussians are [illegible] 50,000,000 indemnity [illegible] of Alsace and Lorraine and a [illegible]

[illegible]

[illegible] Garibaldi has been [illegible] by the [illegible] and is in the last [illegible] The Third Division [illegible] expected [illegible] the Germans [illegible]. Still it would seem [illegible] the Germans are less confident than before and [illegible] have come from civil life [illegible] leaving their families behind [illegible] are probably getting tired of the campaign. Then, too, there is the [illegible] coming on. [illegible] France is to be very the Prussian [illegible], the Duke of [illegible] Gen. The troubles [illegible] seem [illegible] they will be [illegible].

[illegible] be there [illegible] shall always be glad to hear from you if you like to write [illegible] shall always feel an interest in the progress of the civil boring. I trust the daily yield of coal will be kept up as regularly, and I shall have a copy of that and other extracts of the record from Capt. Lambert's office at some future time perhaps. [illegible] trouble you with sending the weekly report [illegible] Nothing [illegible] the [illegible] but [illegible] in the [illegible] private affairs [illegible] yours [illegible]

New Victoria Hotel, Lahore;
27 Oct. 1870.

Col. R. Maclagan R.E.
Secy. to Punjab Govt. &c. &c.

My dear Sir:

I arrived here last evening; and shall be happy to receive word from you about my future movements when you have from the Govt. of India about them. I am trying to get two or three baboos to do the copying of my reports. [illegible] Lambert and I made the [illegible] & Gunda successful on Tuesday. The two new [illegible] will give already [illegible] yield of [illegible] quite [illegible] Chowdry [illegible] Lincoln [illegible] Bank [illegible]

New Victoria Hotel, Lahore,
31 October, 1870.

Capt P. Lambert R.E.
Exec. Engineer, R. Pindee.

Dear Sir,

Capt. Westmorland says it will be necessary for my travelling allowances for travelling in your division to be drawn through you, and I enclose herewith a travelling account up to the time of leaving Pindee. He says that the salary can be paid just as well on my reaching wherever place I am to go to, and that he will have to give me a certificate for the amount of the salary which I am already paid. He wishes you to send him a certificate for that, or else a note stating the time you have paid me.

Lord has got on as to my future movements and Col. Maclagan is trying to find out, so I will probably be able to [illegible]

[illegible] 1 Nov. 1870.

Dear Lizzie:

Your favor of the eighth of September came to hand [illegible] at Rawal Pindee; but the letters you speak of as [illegible] by Colonel Abbott did not reach me for three weeks before you wrote have received. I do not get give up hope often, as they may go [illegible] working letter of India, as some of the other letters have done, [illegible] they may come of an unpaid at Calcutta just before [illegible] letters from home have failed to reach their destination when [illegible] expected, to let relevant the postoffice by others have been [illegible] from home, but was not lost. Nor was [illegible] was on board [illegible] but was not. It is to be remembered in writing [illegible] that many the postoffice clerks speak in the Bengalee [illegible] Hindustani language is an unpaid language, [illegible] Englishman would be [illegible] the letter as clearly as possible. There would then be no difficulty [illegible] the letters from Washington.

The account of your trip to Nashville was quite interesting [illegible] the loss of time [illegible] will be by negligence on [illegible] I will suppose in sending it. I was very glad you [illegible] and suppose it as much [illegible].

I left Murree on Sunday, the 23d of October, and went to Rawal Pindee in [illegible] after dark of the afternoon. The [illegible] in Hill [illegible] carry the mail; for it [illegible] carried in little bags by men on foot, called runners. [illegible] for the [illegible] time, for having occasion to go the [illegible] the [illegible] of the Grand Trunk Road [illegible] called the [illegible] Cherry in. [illegible]

[illegible] was as I went down in the cart. They [illegible] [illegible] is in sight but I should think it doubtful whether [illegible] time out of sight. They have no doubt frequent relays of [illegible] set of horses, every five or six miles in the plains [illegible] miles and a half in the hills. The horses of the cart are [illegible] gallop most of the time which gives a very disagreeable [illegible] in the two wheeled cart, but the trip of thirty nine miles [illegible] four rupees. The cart holds one passenger by the side of the driver and two behind facing the back of the cart. The trip is a very [illegible] my servants were discharged in Murree, but [illegible] children are still with me. I gave them the choice of going to [illegible] the Jhelum train in twenty four hours; but they preferred [illegible] [illegible] would have rid with me [illegible] [illegible] o'clock after I had gone and arrived in the [illegible] afternoon, having slept about half way between. The [illegible] [illegible] with them but the cook afterwards hired [illegible] [illegible] night; the [illegible] walked through and [illegible] morning. He said he did so because he had no money [illegible] and abandon [illegible] his wages were all owed him by debts. He made [illegible] time at Pindee on Monday and in the [illegible] [illegible] of an iron chest of money and that he had [illegible] Murree. He seems to be a [illegible] very [illegible] [illegible] and independent. He left his wife with his [illegible] [illegible] to become a [illegible] within a few days. He [illegible] [illegible] of Pindee so on Tuesday afternoon [illegible] he went back to Murree, to earn his living by odd [illegible] or else to live upon his mother who is at Murree [illegible] [illegible] and a whole [illegible] lived upon him for [illegible] last November and would [illegible] [illegible]. Aladdin goes with me as far as Cawnpore only, half way from here to Calcutta. He had the choice of doing so with a certain gift, or leaving me at [illegible] with a gift twice as large, or going with me to Burmah without [illegible] gift. He has a wife at Cawnpore. [illegible] looking for something in one of [illegible] at Rawulpindee. He [illegible] a house of fifty rupees or more [illegible] out the [illegible] that [illegible] [illegible] for [illegible] [illegible] at the [illegible]. He has been a faithful servant and I [illegible]

been there was and work to do in a rough life; what terrace [illegible]
an easy time enough. He and Lehal are both Mussulmans and have
the respect [illegible]; yet Lehal did not seem at all anxious to have [illegible]
[illegible] with us to meet, although not opposed to it; and pointed out that in
course of additional influence it would be time. Still, I like to keep a good
servant rather than take trouble in picking up new ones. They all
travel third class on the railroad at an expense of one pice, or one
[illegible] cent, a mile. In coming from Pindee here we had a [illegible]
both, themselves and their at one with the driver and one on the
[illegible], which was so excessive that I had to pay a little extra.
[illegible] however, bring all the baggage here that I wished to [illegible]
[illegible], but disposed of some of it at Pindee as well as of some that
had been stored there in the house [illegible] the [illegible]. The
[illegible] of furniture and some cattle in [illegible] and [illegible] were
[illegible] to the expenses as [illegible] and the [illegible] by
[illegible] we had to pay [illegible]. We have sold the things
[illegible] would have [illegible] a small return and most of the
would have got the main profit. Some of the smaller things I gave
some of the [illegible] to [illegible]; and [illegible] as [illegible] they
[illegible] with them as [illegible] that the [illegible] [illegible]
[illegible]. On Tuesday I went out in what is called in India a [illegible] [illegible]
that we call a [illegible], with Capt. [illegible], [illegible] [illegible]
[illegible] a last visit to the old ruins there. I have taken [illegible]
[illegible] this summer from the fever and only having that [illegible]
[illegible] there and have begun two the only that are [illegible] [illegible]
[illegible]. On Monday and Wednesday I wound up all my affairs at
Pindee, made farewell calls on two or three friends, breakfasted [illegible]
with Hymes and dined there Wednesday; and early Thursday morning
set out for Lahore. About fifteen miles this side of Pindee, we passed
[illegible], a mile or two from the road an old tope [illegible] [illegible]
Alexander's time. We came across this region as far as the [illegible]
was 330 B.C., and [illegible] 2 centuries ago. Alexander has [illegible]

[illegible] by the Mussulmans in India, and has been [illegible] [illegible] to the north [illegible]. I had the gaddy stop by the roadside [illegible] walked the mile and a half to look at the tope near at hand. [illegible] could be seen very plainly across the plain from the road. [illegible] being asked if he would like to go [illegible] said yes and did so; [illegible] been paid with the gaddy. We asked a native near the tope [illegible] it was and he said it was building one of Sultan Alexander's wives ([illegible]). The tope is a round building about 150 feet in diameter with a hemispherical top reaching to some [illegible] feet above the ground. It is built without mortar of stones that are smoothly cut outside, but [illegible] a good fit that [illegible] cost of smoothness is gone and the [illegible] are uncovered. Being in this partially ruined state there is no [illegible] to the top and we went up [illegible]. We found a square opening [illegible] cell there which is said to be [illegible] feet deep to a depth of a hundred feet [illegible] any water in it and this is the only opening in the [illegible]

The base of the tope (Mannikiala by name) is surrounded by a ditch some twenty feet [illegible] and four or five feet deep, and at four points this is laid with stones as if a pavement leading to a door in the top, but there is no door. While we were on top the native came again with his white cow from [illegible] ploughing fields. I offered him about four cents for these coins so we had [illegible] [illegible] that. Afterwards he consented to make a price for himself which I took, three cents, [illegible] cents. I deemed genuine [illegible] but a native was tried here last [illegible] for making and selling counterfeit antique coins. My seller said he had also a [illegible] coin about the size of a dime which he wanted two rupees for; I said I would give one and he would bring it to the road in time after dinner, but he wanted an hour for him to go to his village and get it. We reached Rawalpindi by ten or eleven at night and left at breakfast time [illegible] Brown [illegible] and arrived here at dusk the Friday evening, stopping only [illegible] for a few minutes to look at the tomb of Runjeet Singh's father at Gujranwala for [illegible] miles from here. Runjeet Singh [illegible] and others, in the fort called Sikh Centre, and the Punjab was taken [illegible] [illegible] Here at this "New Victoria Hotel" I found Dr. and Mrs. Wm. Scott of Indore [illegible] a fortnight ago. Mrs. Scott is at Philadelphia. After writing [illegible] reports and finished the whole this morning [illegible] for the cutting, baboos copying the rough draft and [illegible] all done within two days. I can find another more capacious. It amounts to about [illegible] of three [illegible] in the rough draft and will be about twice as many [illegible] except a little altering on three or four of them which I hope to find baboos [illegible] [illegible] movements and [illegible] [illegible] [illegible]

Lahore, India; 6 Nov. [illegible]

[illegible]

[illegible]

[illegible] wicked lodging of [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] into outside

[illegible]

[illegible]

[illegible] almost [illegible] age and [illegible]
[illegible] of finding the Indian corn harvest when I was
away a fortnight ago and the potatoes had been pulled
[illegible] before. [illegible] [illegible]
[illegible] very [illegible]. In the fields there are two crops
[illegible] planted about this time is of the
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

Lahore, 6 Nov. 1870.

To the Manager of the Punjab Bank,
Anarkee Branch.

Dear Sir:

The copy for which you so kindly promised to send by mail has never come to hand, although other letters have been forwarded from Simla and Dera Ismail Khan every other day. Nothing is for the yesterday's mail, I have forgotten to send it. I take the liberty of sending for it again. The Bank Solicitor, and remain

Yours very truly,
Benj. Smith Lyman.

New Victoria Hotel, 7 Nov. 1870.

Mr. Teerath Ram,
Lahore,

Sir:

Your favor dated yesterday is just received. In return I send twenty three rupees (Rs. 23), one rupee more than you asked for yesterday morning. You shall have the thirty rupees for the second copy when it is done, if it is done before I leave Lahore. — I hope you will not try to impose on a thing as to send a "medical certificate" to your office, when you are not really too sick to go there.

Yours truly,
Benj. Smith Lyman.

Lahore; 10th Nov. 1850.

To the Postmaster
at Calcutta.

Sir,

Please keep a copy for me until called for, and do not forward as letter to Fund Office.

Yours truly
[illegible]

Lahore; 10th Nov. 1850.

To the Postmaster
at Peshawur, Cash.

Sir,

In favor of the thirty first of last month enclosing Rs. 4/9/0 in Cashmere postage stamps in return for the value of English stamps [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Dalhousie, 10th Nov. 1870

To Sir Ashley Eden
Calcutta.

Sir: Please keep a copy of your letter entitled "Calcutta" and do not forward it to Government of India.

Yours truly
[illegible]

Dalhousie, 10th Nov. 1870

To Sir Ashley Eden
Calcutta

Sir: Upon receipt of your letter of 24th/10/70 in Calcutta [illegible]

Lahore; 11th Nov. 1870.

To the Post Master
at Lahore.

Sir:

Please forward any letters or papers for me to Calcutta, and oblige

Yours truly,

Benj. Smith Capt.

Lahore; 10th Nov. 1870.

To the Post Master
at Umballa.

Sir:

Please forward any letters or papers for me to Calcutta, and oblige

Yours truly,

Benj. Smith Capt.

[illegible]

[illegible]

[illegible]

New Victoria Hotel, Lahore;
10 Nov. 1870.

Capt. Branchett
Asst. Secty &c. &c.

Dear Sir:
I forgot to ask this morning that the printer should be told to follow our written directions in pencil on the manuscript reports of Lamboleyan; particularly to put the "Burra Kutta" Report after the "Chhota Kutta". They were misplaced in making this last copy. The Burra Kutta Report begins (I believe) on page 150 and the Chhota Kutta about page 160.

I set out for Calcutta tomorrow morning, and my address there will be simply at the post office. I should be pleased [with] a proof of the report if convenient.

Yours truly, Benj. Smith Lyman

Calcutta, [illegible] Nov. 1870.

Mr. Tait,
New Victoria Hotel,
Lahore.

My dear Sir:
On inquiring [illegible] [illegible]
[illegible]

See next Book

See next
page